

## GATA Binding Protein 3 (GATA3) Recombinant Protein | GATA3 recombinant protein

Recombinant GATA Binding Protein 3 (GATA3)

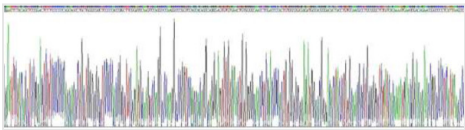
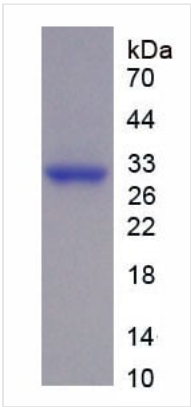
|                               |                       |                                           |                                               |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA149273</b> | HOST<br><b>E.coli</b> | REACTIVITY<br><b>Homo sapiens (Human)</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-------------------------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

GATA Binding Protein 3 (GATA3); Recombinant GATA Binding Protein 3 (GATA3); HDR; Trans-acting T-cell-specific transcription factor GATA-3; GATA3 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reactivity                                            | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                                   | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Form/Format                                           | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Concentration                                         | Original Concentration: 300ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for GATA3 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source                                                | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Residues                                              | Tyr229–Gly444                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tags                                                  | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Subcellular Location                                  | Nucleus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Traits                                                | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Predicted isoelectric point                           | 10.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Usage                                                 | Reconstitute in ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                               | <p><b>Storage:</b><br/>           Avoid repeated freeze/thaw cycles.<br/>           Store at 2-8 degree C for one month.<br/>           Aliquot and store at -80 degree C for 12 months.</p> <p><b>Stability Test:</b><br/>           The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |



Identification  
Gene Sequencing (extract)

SDS-PAGE

YS SGLFPPSSLL GGSPTGFGCK

SRPKARSSTE GRECVNCGAT STPLHRRDGT GHYLCNACGL YHKMNGQNRP

LIKPKRRLSA ARRAGTSCAN CQTTTTTLHR RHANGDPVCN ACGLYYKLHN

INRPLTMKKE GIQTRNRKMS SKSKKCKKVH DSLEDFPKNS SFNPAALSRH

MSSLSHISPF SHSSHMLTTP TPMHPPSSLS FGPHHPSSMV TAMG

Sequence

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 13905020                                                                                                           |
| NCBI GeneID                      | 2625                                                                                                               |
| Molecular Weight                 | Predicted Molecular Mass: 31.2kDa<br>Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions. |
| NCBI Official Full Name          | GATA binding protein 3                                                                                             |
| NCBI Official Synonym Full Names | GATA binding protein 3                                                                                             |
| NCBI Official Symbol             | GATA3                                                                                                              |
| NCBI Official Synonym Symbols    | HDR; HDRS                                                                                                          |
| NCBI Protein Information         | trans-acting T-cell-specific transcription factor GATA-3                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/gata-binding-protein-3-gata3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/149273>