

## Signal Transducer And Activator Of Transcription 3 (STAT3) Recombinant Protein | STAT3 recombinant protein

Recombinant Signal Transducer And Activator Of Transcription 3 (STAT3)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153471</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Signal Transducer And Activator Of Transcription 3 (STAT3); Recombinant Signal Transducer And Activator Of Transcription 3 (STAT3); Signal Transducer And Activator Of Transcription 3; STAT3 recombinant protein (prokaryotic); Mouse; APRF; Acute-Phase Response Factor; STAT3 recombinant protein

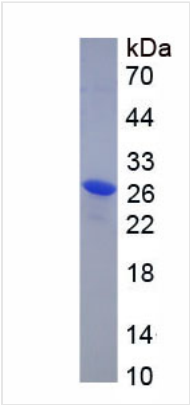
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                              |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                                  | E coli                                                                                                       |
| Purity/Purification                                   | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                           | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                    | Thr346–Glu552                                                                                                |
| Applicable Applications for STAT3 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                     | Prokaryotic expression                                                                                       |
| Species                                               | Mouse                                                                                                        |
| Tag                                                   | N-terminal His                                                                                               |
| Endotoxin Level                                       | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                     | 8.1                                                                                                          |
| Subcellular Location                                  | Secreted                                                                                                     |
| Research Area                                         | Signal transduction                                                                                          |
| Preparation and Storage                               | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

IMAGES

YIKYRLLYKPELMTQLKIKVCTIDGSGWAALRGSEKFNLTGNTKYNWEESSNNGSLSAEPFHLTLRBOGCMGRACDASLIYTEE  
LHLITPTEVTYHQLKIDLETSSLPVVVISNICQMPNHWASILWYNNLTNNFKNWFTKEPPIGTWQVARYLSNGFSSTTKRGLSTEQ  
ITLAERLLGPGYNTSGQITWAEPCKE

Amino Acid Info



SDS-PAGE  
Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                                         |                      |
|---------------------------------------------------------|----------------------|
| Product Categories/Family for STAT3 recombinant protein | Prokaryotic proteins |
|---------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                                    |
|----------------------------|----------------------------------------------------|
| NCBI GeneID                | 20848                                              |
| UniProt Accession #        | P42227                                             |
| Molecular Weight           | 26kDa                                              |
| UniProt Protein Name       | Signal transducer and activator of transcription 3 |
| UniProt Gene Name          | Stat3                                              |
| UniProt Synonym Gene Names | Aprf                                               |
| UniProt Entry Name         | STAT3_MOUSE                                        |

**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.

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Online datasheet: <https://stage.aaabiotech.com/stat3-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153471>