

## Lactoferrin (LTF) Recombinant Protein | LTF recombinant protein

Recombinant Lactoferrin (LTF)

|                               |                        |                          |                                               |
|-------------------------------|------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA134631</b> | HOST<br><b>E. coli</b> | REACTIVITY<br><b>Rat</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|------------------------|--------------------------|-----------------------------------------------|

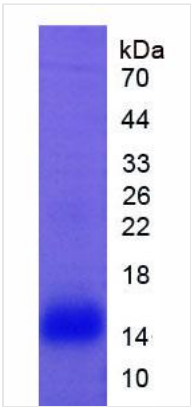
### PRODUCT SYNONYMS

Lactoferrin (LTF); Recombinant Lactoferrin (LTF); LTF recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity                                          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                                 | >95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                         | PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Concentration                                       | 200ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for LTF recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source                                              | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Residues                                            | Cys64~Gly193                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tags                                                | N-terminal His-Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Traits                                              | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Predicted isoelectric point                         | 8.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Predicted Molecular Mass                            | 15.7kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Accurate Molecular Mass                             | 15kDa as determined by SDS-PAGE reducing conditions                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Usage                                               | Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage                             | <p><b>Storage:</b> 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> 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> |

IMAGES



CIQEIMM RRADMTLSG SAIFDFYFPY KLPQIAAEVY  
GTKEKPRIHY YAVAVVKNSS DIRLNQLQGL KSCHAGFDTs AGWIAPLGAL  
RPYLNWDEKS VSLEEAVSKF FSQSCVPGIS KSRFPRLCSL CAG

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

|                                  |                               |
|----------------------------------|-------------------------------|
| NCBI GI #                        | 157819071                     |
| NCBI GeneID                      | 301034                        |
| NCBI Accession #                 | NP_001100334.1                |
| NCBI GenBank Nucleotide #        | NM_001106864.1                |
| UniProt Accession #              | D3ZAB1                        |
| NCBI Official Full Name          | lactotransferrin              |
| NCBI Official Synonym Full Names | lactotransferrin              |
| NCBI Official Symbol             | Ltf                           |
| NCBI Protein Information         | lactotransferrin; lactoferrin |
| UniProt Protein Name             | Lactotransferrin (Predicted)  |
| UniProt Gene Name                | Ltf                           |
| UniProt Synonym Gene Names       | Ltf_predicted                 |
| UniProt Entry Name               | D3ZAB1_RAT                    |

**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/ltf-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134631>