

## Recombinant Human LTF protein(20-710 aa), N-MBP & C-His-tagged

**Cat. No.** LTF-2533H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LTF protein(P02788)(20-710 aa), fused with N-terminal MBP tag and C-terminal His tag, was expressed in HEK293.                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 20-710 aa                                                                                                                                                                                                                                  |
| <b>Form</b>             | 0.15 M Phosphate buffered saline                                                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 118.5 kDa                                                                                                                                                                                                                                  |
| <b>Storage</b>          | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing.<br>Up to 12 months when aliquoted and stored at -20 to -80°C.                                                          |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                              |
| <b>AA Sequence</b>      | GRRRSVQWCAVSQPEATKCFQWQRNMRKVRGPPVSCIKRDSPIQCIQAIENRAD<br>AVTLDGGFIYEAGLAPYKLRPVAAEVYGTERQPRTHYYAVAVVKKGGSFQLNELQG<br>LKSCHTGLRRTAGWNVPIGTLRPFLNWTGPPEPIEAAVARFFSASCVPGADKGQFP<br>NLCRLCAGTGENKCAFSSQEPYFSYSGAFKCLRDGAGDVAFIRESTVFEDLSDEAE |

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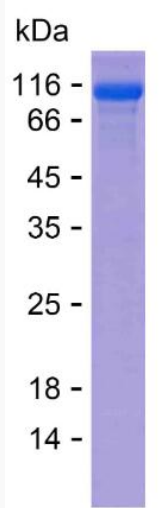
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RDEYELLCPDNTRKPVDFKDKCHLARVPSHAVVARSVNGKEDAIWNLLRQAQEKFG  
 KDKSPKFQLFGSPSGQKDLLFKDSAIGFSRVPPRIDSGLYLGSGYFTAIQNLRKSEEE  
 VAARRARVWCAVGEQELRKCQWSGLSEGSVTCSSASTTEDCIALVLKGEADAM  
 SLDGGYVYTAGKCGLPVLAENYKSQQSSDPDPCVDRPVEGYLAVAVVRRSDTS  
 LTWNSVKGKKSCHTAVDRTAGWNIPMGLLFNQTGSCKFDEYFSQSCAPGSDPRSN  
 LCAICIGDEQGENKCVPSNERNYYGYTGAFRCLAENAGDVAFVKDVTVLQNTDGN  
 NNEAWAKDLKLADFALLCLDGKRKPVTEARSCHLAMAPNHAVVSRMDKVERLKQVL  
 LHQQAQKFRNGSDCPDKFCLFQSETKNLLFNDNTECLARLHGKTTYEKYLGPPQYVA  
 GITNLKKCSTSPLEACEFLRK

## GENE INFORMATION

|                 |                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------|
| Gene Name       | <a href="#">LTF lactotransferrin [ Homo sapiens ]</a>                                                          |
| Official Symbol | <a href="#">LTF</a>                                                                                            |
| Synonyms        | LTF; lactotransferrin; HLF2; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; LF; GIG12; |
| Gene ID         | <a href="#">4057</a>                                                                                           |
| mRNA Refseq     | <a href="#">NM_001199149</a>                                                                                   |
| Protein Refseq  | <a href="#">NP_001186078</a>                                                                                   |
| MIM             | <a href="#">150210</a>                                                                                         |
| UniProt ID      | <a href="#">P02788</a>                                                                                         |

**SDS-PAGE**

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