

Lactoferrin (LTF) Recombinant Protein | LTF recombinant protein

Recombinant Lactoferrin (LTF)

CATALOG # AAA134072	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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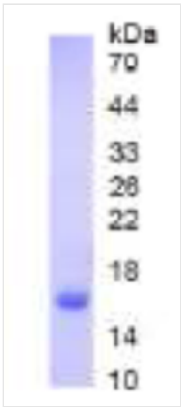
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose
Concentration	Original Concentration: 2000ug/mL (varies by lot)
Applicable Applications for LTF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu337~Arg449
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Secreted, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	4.5
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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.

IMAGES



Sequence

LYLG SGVFTAIQNL
RKSEEEVAAR RARVVWCAVG EQELRKCQW SGLSEGSVTC SSASTTEDCI
ALVLKGEADA HSLDGGVYVT AGKCGLVPVL AENYKSQQSS DPDPNCVDR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	312433998
NCBI GeneID	4057
NCBI Accession #	NP_001186078.1
NCBI GenBank Nucleotide #	NM_001199149.1
UniProt Accession #	P02788; O00756; Q16780; Q16785; Q16786; Q16789; Q5DSM0; Q8IU92; Q8IZH6; B2MV13; B7Z4X2; E7EQH5
Molecular Weight	Predicted Molecular Mass: 13.7kDa Accurate Molecular Mass: 16kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	lactotransferrin isoform 2
NCBI Official Synonym Full Names	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	LF; HLF2; GIG12; HEL110
NCBI Protein Information	lactotransferrin; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; epididymis luminal protein 110
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	GIG12; LF; Lactoferrin; Lfcin-H
UniProt Entry Name	TRFL_HUMAN

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/134072>