

Lactoferrin (LTF) Recombinant Protein | LTF recombinant protein

Recombinant Lactoferrin (LTF)

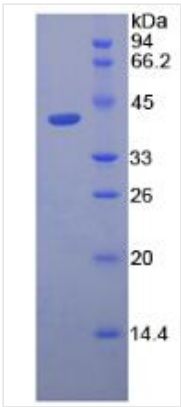
CATALOG # AAA134419	HOST E.coli	REACTIVITY Canis familiaris; Canine (Dog)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Canis familiaris; Canine (Dog)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 1200ug/mL (varies by lot)
Applicable Applications for LTF recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Cys28~Lys351
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.3
Usage	Reconstitute in 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.



Sequence

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CTT SKAEAKCKSK FQVNMKKVGG
PIVSCTRKAS RQECIQAIKA NKADAVTLDG GLVFEAGLEP NKLRPIAAEV
YGTQTKQIIH YYAVAIKKG TNFQLNLQG VRSCHTGLGR SAGWNIPIGT
LRPFLNWTGP PEPLLEAVAK FFSASCVPCA DGKQYPNLGR LCAGTEQNK
ACSSQEPYFG YSGAFKCLQD GAGDVAFVRD STVFENLPDK ADQDKYELL
LNNTKPVDA FKDCHLARVP SHAVVARSVG GKEDLIWRLL QKAQENFGK
KSSAFQLFGS PSGEKDLLFK DSAIGFLRIP SNIDSELYLG FNYINAIQSL
K
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SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	73985781
NCBI GeneID	484787
NCBI Accession #	XP_541903.2
NCBI GenBank Nucleotide #	XM_541903.4
UniProt Accession #	F1PR54
Molecular Weight	Predicted Molecular Mass: 42.1kDa Accurate Molecular Mass: 42kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Symbol	LTF
NCBI Protein Information	lactotransferrin
UniProt Protein Name	Uncharacterized protein
UniProt Gene Name	LTF
UniProt Entry Name	F1PR54_CANFA

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.