

Recombinant Mouse LTF Protein, His-tagged

Cat. No. LTF-907M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse LTF (AAH06904.1) (Met 1-Gln 707) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-707 a.a.
Predicted N Terminal	Ala 28
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse LTF comprises 699 amino acids and has a calculated molecular mass of 77.2 kDa. The apparent molecular mass of the recombinant protein is approximately 70 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>92 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Ltf lactotransferrin \[Mus musculus \]](#)

Official Symbol [LTF](#)

Synonyms LTF; lactotransferrin; N lobe; lactoferrin; minisatellite 10r detected by probe MMS10; Lf; Csp82; Ms10r; MMS10R;

Gene ID [17002](#)

mRNA Refseq [NM_008522](#)

Protein Refseq [NP_032548](#)

MIM

UniProt ID

Function ferric iron binding; heparin binding; hydrolase activity; metal ion binding; peptidase activity; serine-type peptidase activity;

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