

Recombinant Human LMF1 Protein, His-tagged

Cat. No. LMF1-2397H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LMF1 Protein (Met1-Leu207) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu207
Description	Involved in triglyceride metabolic process. Predicted to be integral component of membrane. Predicted to be active in endoplasmic reticulum membrane. Implicated in familial lipase maturation factor 1 deficiency.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.1 kDa Accurate Molecular Mass: 21 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

LMF1 lipase maturation factor 1 [Homo sapiens (human)]

Official Symbol

LMF1

Synonyms

LMF1; lipase maturation factor 1; C16orf26, chromosome 16 open reading frame 26, TMEM112, transmembrane protein 112; FLJ12681; FLJ22302; JFP11; TMEM112A; transmembrane protein 112; TMEM112; C16orf26; HMFN1876;

Gene ID

64788

mRNA Refseq

NM_022773

Protein Refseq

NP_073610

MIM

611761

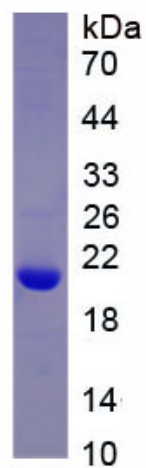
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UniProt ID

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