

# Recombinant Human LMF1 Protein, His-tagged

**Cat. No.** LMF1-2398H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LMF1 Protein (Ser389-Leu567) with a N-His tag was expressed in E. coli.                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Ser389-Leu567                                                                                                                                                                                                       |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 24.4 kDa                                                                                                                                                                                  |
| <b>Endotoxin</b>        | <1.0 EU per 1g (determined by the LAL method).                                                                                                                                                                      |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                               |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                          |
| <b>Stability</b>        | 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 centigrade for                                       |

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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 PBS or others.

## 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

**UniProt ID**

Q96S06

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