

## 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<br>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                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

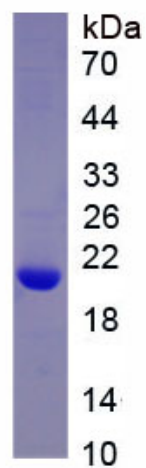
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q96S06

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA