

Datasheet for ABIN7557144  
**LMF1 Protein (AA 1-574) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LMF1
Protein Characteristics:	AA 1-574
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMF1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Lmf1 Protein expressed in mammalian cells.
Sequence:	MRPDSLVMMA PEGSLRKRKV GGAEHSPASQ PSLARDPADS PARLHTGTFW LTRIVLLRAL AFIYFVAFLV AFNQNKALIG DRGLLPCKLY LKNVQEYFQG STGWAAWTYA PTIMWLLDWS DMNFNLDLIA LLGLGISSFV LVTGCANMIL MTALWALYMS LVNVGQIWYS FGWESQLLET GFLGIFLSPL WTL SRLPKNT PTSQIVLWGF RWLIFRIMLG AGLIKVRGDK CWLDLTCMDF HYETQVPVNP IAYYLHRSPW WFHRFETLSN HFVELLVPFF LFLGRRMRIL HGVLQILFQV ILIISGNLSF LNWL TIVPSL ACFDDAALGF LFPSGPQGLK KQVLEIQRED TQRVQPKPRD RGCLVRQVVN ISLGILVAWL SVPVVINLLS SRQIMNTSFN PLRIVNTYGA FGSVTKERTE VILQGTVSPN ASAPDAVWED YEFKCKPGDP WRQPCLISPY HYRLDWLMWF AAFQTYEQNE WILHLAGKLL AGDSEALALL AVNPFEGRTP PRWIRGEHYR YKFSPLGGQH ATQGKWWIRK RIGPYFPPLR LEDLKEYFKT REWPLPEPPS RHTR <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please</b>

## Product Details

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### contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

## Target Details

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Target: LMF1

Alternative Name: Lmf1 ([LMF1 Products](#))

Background: Lipase maturation factor 1 (Transmembrane protein 112),FUNCTION: Involved in the maturation of specific proteins in the endoplasmic reticulum. Required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway. Each LMF1 Molecule chaperones 50 or more molecules of LPL. {ECO:0000250|UniProtKB:Q96S06, ECO:0000269|PubMed:17994020}.

Molecular Weight: 65.9 kDa

UniProt: [Q3U3R4](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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