

Datasheet for ABIN7549075  
**LMF1 Protein (AA 1-567) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LMF1
Protein Characteristics:	AA 1-567
Origin:	Human
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:	MRPDSPTMAA PAESLRRRKT GYS DPEPESP PAPGRGPAGS PAHLHTGTFW LTRIVLLKAL AFVYFVAFLV AFHQNKQLIG DRGLLPCR VF LKNFQQYFQD RTSWEVFSYM PTILWLMDWS DMNSNLDLLA LLGLGISSFV LITGCANMLL MAALWGLYMS LVNVGHVWYS FGWESQLLET GFLGIFLCPL WTLSRLPQHT PTSRIVLWGF RWLIFRIMLG AGLIKIRGDR CWRDLTCMDF HYETQPMPNP VAYYLHHSPW WFHRFETLSN HFIELLV PFF LFLGRRACII HGV LQILFQA VLIVSGNLSF LNWLTMVPSL ACFDDATLGF LFPSGPGSLK DRVLQMQRDI RGARPEPRFG SVVRRANVS LGVLLAWLSV PVVLNLLSSR QVMNTHFNSL HIVNTYGAFG SITKERA EVI LQGTASSNAS APDAMWEDYE FKCKPGDPSR RPCLISPYHY RLDWLMWFAA FQTYEHNDWI IHLAGKLLAS DAEALSLLAH NPFAGRPPPR WVRGEHYRYK FSRPGGRHAA EGKWWVRKRI GAYFPPLSLE ELRPYFRDRG WPLPGPL <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 contact us.</b>

## Product Details

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**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.

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**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.

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

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**Grade:** custom-made

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## Target Details

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**Target:** LMF1

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

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**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:Q3U3R4, ECO:0000269|PubMed:24909692}.

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**Molecular Weight:** 64.9 kDa

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**UniProt:** [Q96S06](#)

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## 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

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## Application Details

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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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