

Datasheet for ABIN7554421  
**LMF2 Protein (AA 1-707) (His tag)**



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## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 1 mg  |
| Target:                       | LMF2  |
| Protein Characteristics:      | AA 1-707                                    |
| Origin:                       | Human                                       |
| Source:                       | HEK-293 Cells                               |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This LMF2 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)       |

## Product Details

|           |   |
|-----------|---|
| Purpose:  | Custom-made recombinat LMF2 Protein expressed in mammalian cells.   |
| Sequence: | <p>MAGSRLPRQL FLQGVAAVFM FAFASLYTQI PGLYGPEGIL PARRTLRPQG KGRWQQLWET</p> <p>PTLLWEAPRL GLDTAQGLEL LSLLGALVAL GALLLSPLRH PVIYLLWAA YLSACQVGQV</p> <p>FLYFQWDSLL LETGFLAVLV APLRPASHRK EAPQGRQAGA LPHEDLPFWL VRWLLFRLMF</p> <p>ASGVVKLTSR CPAWWGLTAL TYHYETQCLP TPAAWFAHHL PVWLHKLSVW ATFLIEIAVP</p> <p>PLFFAPIRRL RLAIFYSQLV LQVLIITGN YNFFNLMTLV LTTALLDDQH LAAEPGHGSR</p> <p>KKTATSWPKA LLATLSLLE LAVYGLLAYG TVHYFGLEVD WQRTIHSRT TTFHQFSQW</p> <p>LKTLTLPTVW LGVASLVWEL LSALWRWTQV RGWLRKLSAV VQLSLVGTAT VALFLISLVP</p> <p>YSYVEPGTHG RLWTGAHRLF GAVEHLQLAN SYGLFRRMTG LGGREPEVLE GSYDGHHWTE</p> <p>IEFMYKPGNL SRPPPVVPH QPRLDWQMW F AALGPHTHSP WFTSLVRLLL QGKEPVIRLV</p> <p>QSQVARYPFH KQPPTYVRAQ RYKYWFSQPG EQGQWRRQW VEEFFPSVSL GDPTLETLLR</p> <p>QFGLQEKSP RTRSANSTLA QALHWTRSQL SPLEAPALLW GLLMAVGAVR FVQALLAPCS</p> |

LRSSPLAPVS GEKRRPASQK DSGAASEQAT AAPNPCSSSS RTTRRKK **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.**

### 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, Western Blot

### Grade:

custom-made

## Target Details

### Target:

LMF2

### Alternative Name:

LMF2 ([LMF2 Products](#))

### Background:

Lipase maturation factor 2 (Transmembrane protein 112B) (Transmembrane protein 153),FUNCTION: Involved in the maturation of specific proteins in the endoplasmic reticulum. May be required for maturation and transport of active lipoprotein lipase (LPL) through the secretory pathway (By similarity). {ECO:0000250}.

### Molecular Weight:

79.7 kDa

### UniProt:

[Q9BU23](#)

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
|--------------------|--|

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |  |
|------------------|--|
| Format:          | Liquid   |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C   |
| Storage Comment: | Store at -80°C.  |
| Expiry Date:     | 12 months  |