

Datasheet for ABIN7546615  
**CLPTM1L Protein (AA 1-538) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CLPTM1L
Protein Characteristics:	AA 1-538
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLPTM1L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat CLPTM1L Protein expressed in mammalian cells.
Sequence:	MWSGRSSFTS LVVGVFVVYV VHTCWV MYGI VYTRPCSGDA NCIQPYLARR PKLQLSVYTT TRSHLGAENN IDLVLNVEDF DVESKFERTV NVSVPK KTRN NGTL YAYIFL HHAGVLPWHD GKQVHLVSPL TTYMVPKPEE INLLTGESDT QQIEAEKKPT SALDEPVSHW RPRLALNVMA DNFVFDGSSL PADVHRYMKM IQLGKTVHYL PILFIDQLSN RVKDLMVINR STELPLTVS YDKVSLGRLR FWIHMQDAVY SLQQFGFSEK DADEVKGIFV DTNLYFLALT FFVA AFHLLF DFLAFKNDIS FWKKKSMIG MSTKAVLWRC FSTVVIFLFL LDEQTSLLVL VPAGVGAAIE LWKVKKALKM TIFWRGLMPE FQFGTYSESE RKTEEYDTQA MKYLSYLLYP LCVGGAVYSL LNIKYKSWYS WLINSFVNGV YAFGFLFMLP QLFVNYKLKS VAHLPWKAFT YKAFNTFIDD VFAFIITMPT SHRLACFRDD VVFLVYLYQR WLYPVDKRRV NEFGESYEEK ATRAPHTD <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</b>

## Product Details

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**have a special request, please contact us.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

CLPTM1L

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### Alternative Name:

CLPTM1L ([CLPTM1L Products](#))

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### Background:

Lipid scramblase CLPTM1L (Cisplatin resistance-related protein 9) (CRR9p) (Cleft lip and palate transmembrane protein 1-like protein) (CLPTM1-like protein),FUNCTION: Scramblase that mediates the translocation of glucosaminylphosphatidylinositol (alpha-D-GlcN-(1-6)-(1,2-diacyl-sn-glycero-3-phospho)-1D-myo-inositol, GlcN-PI) across the endoplasmic reticulum (ER) membrane, from the cytosolic leaflet to the luminal leaflet of the ER membrane, where it participates in the biosynthesis of glycosylphosphatidylinositol (GPI) (PubMed:35344438). GPI is a lipid glycoconjugate involved in post-translational modification of proteins (PubMed:35344438). Can also translocate 1,2-diacyl-sn-glycero-3-phospho-(1D-myo-inositol) (phosphatidylinositol or PI), as well as several other phospholipids (1,2-diacyl-sn-glycero-3-phosphocholine, 1,2-diacyl-sn-glycero-3-phosphoethanolamine), and N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI) in vitro (PubMed:35344438). {ECO:0000269|PubMed:35344438}.

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## Target Details

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Molecular Weight: 62.2 kDa

UniProt: [Q96KA5](#)

## Application Details

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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

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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