

Datasheet for ABIN7549457
MPPE1 Protein (AA 1-396) (His tag)



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Overview

Quantity:	1 mg
Target:	MPPE1
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPPE1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MPPE1 Protein expressed in mammalian cells.
Sequence:	MAMIELGFGR QNFHPLKRKS SLLLKLIADV FAVLLFCEFL IYYLAIFQCN WPEVKTTASD GEQTTREPVL KAMFLADTHL LGEFLGHWLD KLRREWQMER AFQTALWLLQ PEVVFILGDI FDEGKWSTPE AWADDVERFQ KMFRHPSHVQ LKVVAGNHDI GFHYEMNTYK VERFEKVFSS ERLFSWKGIN FVMVNSVALN GDGCGICSET EALIEVSHR LNCSREARGS SRCGPGPLLP TSAPVLLQHY PLYRRSDANC SGEDAAPAE RDIPFKENYD VLSREASQKL LWWLQPRVLV SGHTHSACEV HHGGRVPELS VPSFSWRNRN NPSFIMGSIT PTDYTLKCY LPREDVLLI YCGVVGFLVV LTLTHFGLLA SPFLSGLNLL GKRKTR 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.
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.

Product Details

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

Target:

MPPE1

Alternative Name:

MPPE1 ([MPPE1 Products](#))

Background:

Metallophosphoesterase 1 (EC 3.1.-.-) (Post-GPI attachment to proteins factor 5),FUNCTION: Metallophosphoesterase required for transport of GPI-anchor proteins from the endoplasmic reticulum to the Golgi. Acts in lipid remodeling steps of GPI-anchor maturation by mediating the removal of a side-chain ethanolamine-phosphate (EtNP) from the second Man (Man2) of the GPI intermediate, an essential step for efficient transport of GPI-anchor proteins. {ECO:0000269|PubMed:19837036, ECO:0000269|PubMed:29374258}.

Molecular Weight:

45.1 kDa

UniProt:

[Q53F39](#)

Pathways:

[Inositol Metabolic Process](#)

Application Details

Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

Application Details

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
