

Datasheet for ABIN7549554  
**MPP3 Protein (AA 1-585) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MPP3
Protein Characteristics:	AA 1-585
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPP3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant MPP3 Protein expressed in mammalian cells.
Sequence:	MPVLSSEDSGL HETLALLTSQ LRPDSNHKEE MGFLRDVFSE KSLSYLMKIH EKLRYRERQS PTPVLHSAVA LAEDVMEELQ AASVHSDERE LLQLLSTPHL RAVLMVHDTV AQKNFDPVLP PLPDNIDEDF DEESVKIVRL VKNKEPLGAT IRRDEHSGAV VVARIMRGGGA ADRSGLVHVG DELREVNIA VLHKRPDEIS QILAQSQGSI TLKIIPATQE EDRLKESKVF MRALFHYNPR EDRAIPCQEA GLPFQRRQVL EVVSQDDPTW WQAKRVGDTN LRAGLIPSKG FQERRLSYRR AAGTLPSPQS LRKPPYDQPC DKETCDCEGY LKGHYVAGLR RSFRLGCRER LGGSQEGKMS SGAESPELLT YEEVARYQH QGERPRLVVL IGSLGARLHE LKQKVAENP QHFGVAVPHT TRPRKSHEKE GVEYHFVSKQ AFEADLHHNK FLEHGEYKEN LYGTSLEAIQ AVMAKNKVCL VDVEPEALKQ LRTSEFKPYI IFVKPAIQEK RKTTPMSPAC EDTAAPFDEQ QQEMAASAAF IDRHYGHLVD AVLVKEDLQG AYSQLKVVLE KLSKDTHWVP VSWVR <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</b>

## Product Details

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### **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.

**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:** MPP3

**Alternative Name:** MPP3 ([MPP3 Products](#))

**Background:** MAGUK p55 subfamily member 3 (Discs large homolog 3) (Protein MPP3),FUNCTION: Participates in cell spreading through the phosphoinositide-3-kinase (PI3K) pathway by connecting CADM1 to DLG1 and the regulatory subunit of phosphoinositide-3-kinase (PI3K) (PubMed:24503895). Stabilizes HTR2C at the plasma membrane and prevents its desensitization. May participates in the maintenance of adherens junctions (By similarity). {ECO:0000250|UniProtKB:O88910, ECO:0000269|PubMed:24503895}.

**Molecular Weight:** 66.2 kDa

**UniProt:** [Q13368](#)

## 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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