

Datasheet for ABIN7549446
MPP4 Protein (AA 1-637) (His tag)



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Overview

Quantity:	1 mg
Target:	MPP4
Protein Characteristics:	AA 1-637
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MPP4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MPP4 Protein expressed in mammalian cells.
Sequence:	MIQSDKGADP PDKKDMKLST ATNPQNGLSQ ILRLVLQELS LFYGRDVNGV CLLYDLLHSP WLQALLKIYD CLQEFKEKKL VPATPHAQVL SYEVVRELLRE TPTSPEIQEL RQMLQAPHFK ALLSAHDTIA QKDFEPLLP LPDNIPSEEE AMRIVCLVKN QQPLGATIKR HEMTGDILVA RIIHGGLAER SGLLYAGDKL VEVNGVSVEG LDPEQVIHIL AMSRGTIMFK VVPVSDPPVN SQQM VYVRAM TEYWPQEDPD IPCMDAGLPF QKGDILQIVD QNDALWWQAR KISDPATCAG LVPSNHLLKR KQREFWWSQP YQPHTCLKST LSISMEEEEDD MKIDEKCVEA DEETFEESEL SEDKEEFVGY GQKFFIAGFR RSMRLCRRKS HLSPLHASVC CTGSCYSAVG APYEEVRYQ RRPSDKYRLI VLMGPSGVGV NELRRQLIEF NPSHFQSAVP HTTRTKKSYE MNGREYHYVS KETFENLIYS HRMLEYGEYK GHLYGTSVDA VQTVLVEGKI CVMDLEPQDI QGVRTHELKP YVIFIKPSNM RCMKQSRKNA KVITDYYVDM KFKDEDLQEM ENLAQRMETQ FGQFFDHVIV NDSLHDACAQ LLSAIQKAQE EPQWVPATWI SSDTESQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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.

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: MPP4

Alternative Name: MPP4 ([MPP4 Products](#))

Background: MAGUK p55 subfamily member 4 (Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 5 protein) (Discs large homolog 6),FUNCTION: May play a role in retinal photoreceptors development. {ECO:0000250}.

Molecular Weight: 72.8 kDa

UniProt: [Q96JB8](#)

Pathways: [Synaptic Membrane](#)

Application Details

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.

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
