

Datasheet for ABIN7564235
PPM1E Protein (AA 1-749) (His tag)



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Overview

Quantity:	1 mg
Target:	PPM1E
Protein Characteristics:	AA 1-749
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPM1E protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ppm1e Protein expressed in mammalian cells.
Sequence:	MAGCIPEEKT YRRFLELFLG EFRGPCGGGE PEPEPESEPE PEPEAELVAA EAAEASGEEP GEDAATVEAT EEEQDQDPE PEDEAVEEET ATEGEEEEEE EAAAPGHSV PPPPQQLPP LPPLPRPLSE RITREEVEGE SLDLCLQLY KYNCPFLAA ALARATSDEV LQSDLSAHC PKETDGTEGT VEIETVKLAR SVFSKLHEIC CSWVKDFPLR RRPQIYYETS IHAIKNMRRK MEDKHVCIPD FNMLFNLEDQ EEQAYFAVFD GHGGVDAAIY ASVHLHVNLV RQEMFPHDPA EALCRAFRVT DERFVQKAAR ESLRCGTTGV VTFIRGNMLH VAWVGDSSVM LVRKGQAVEL MKPHKPDRED EKQRIEALGG CVVWFGAWRV NGSLSVSRAI GDAEHKPYIC GDADSASTVL DGTEDYLILA CDGFYDTVNP DEAVKVVSDH LKENNGDSSM VAHKLVASAR DAGSSDNITV IVVFLRDMNK AVNVSESEW TENSFQGGQE DGGDDKETHG ECKRPWPQH QCSAPADLGYE GRVDSFTDRT SLSPGPQINV LEDPDYLDLT QIEASKPHST QFLPPVEMIG PGAPKKDLNE LIMEERSVKS SLPERSGAGE PRVSFNLGST GQICRMENL SPVSSGLENE QFKSRGKTAS RLYHLRHHYS KRQRGFRFNP KFYSFLSARE PSHKIGISLS SLTRSGKRNK MLRSSLPWRE

Product Details

NSWEGYSGNV KIRKRNDIPC PDFPWSYKI **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.

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: PPM1E

Alternative Name: Ppm1e ([PPM1E Products](#))

Background: Protein phosphatase 1E (EC 3.1.3.16) (Ca(2+)/calmodulin-dependent protein kinase phosphatase N) (CaMKP-N) (CaMKP-nucleus) (CaMKN) (Partner of PIX 1) (Partner of PIX-alpha) (Partner of PIXA),FUNCTION: Protein phosphatase that inactivates multifunctional CaM kinases such as CAMK4 and CAMK2. Dephosphorylates and inactivates PAK. May play a role in the inhibition of actin fiber stress breakdown and in morphological changes driven by TNK2/CDC42 (By similarity). Dephosphorylates PRKAA2. {ECO:0000250, ECO:0000269|PubMed:23088624}.

Target Details

Molecular Weight: 83.4 kDa

UniProt: [Q80TLO](#)

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