

Datasheet for ABIN7550864
PPM1F Protein (AA 1-454) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | PPM1F |
| Protein Characteristics: | AA 1-454 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PPM1F protein is labelled with His tag. |

Product Details

| | |
|--------------|---|
| Purpose: | Custom-made recombinant PPM1F Protein expressed in mammalian cells. |
| Sequence: | MSSGAPQKSS PMASGAEETP GFLDTLLQDF PALLNPEDPL PWKAPGTVLS QEEVEGELAE LAMGFLGSRK APPPLAAALA HEAVSPLLQT DLSEFRKLPR EEEEEEDDD EEEKAPVTLL DAQSLAQSF NRLWEVAGQW QKQVPLAARA SQRQWLVSIIH AIRNTRRKME DRHVSLSFSN QLFGLSDPVN RAYFAVFDGH GGVDAARYAA VHVHTNAARQ PELPTDPEGA LREAFRRTDQ MFLRKAKRER LQSGTTGVCA LIAGATLHVA WLGDSQVILV QQGQVVKLME PHRPERQDEK ARIEALGGFV SHMDCWRVNG TLAVSRAIGD VFQKPYVSGE ADAASRALTG SEDYLLACD GFFDVVPHQE VVGLVQSHLT RQQGSLRVA EELVAAARER GSHDNITVMV VFLRDPQELL EGGNQGEGDP QAEGRRQDLP SSLPEPETQA PPRS 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 |

Product Details

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:

PPM1F

Alternative Name:

PPM1F ([PPM1F Products](#))

Background:

Protein phosphatase 1F (EC 3.1.3.16) (Ca²⁺)/calmodulin-dependent protein kinase phosphatase) (CaM-kinase phosphatase) (CaMKPase) (Partner of PIX 2) (Protein fem-2 homolog) (hFem-2),FUNCTION: Dephosphorylates and concomitantly deactivates CaM-kinase II activated upon autophosphorylation, and CaM-kinases IV and I activated upon phosphorylation by CaM-kinase kinase. Promotes apoptosis.

Molecular Weight:

49.8 kDa

UniProt:

[P49593](#)

Pathways:

[Positive Regulation of Endopeptidase Activity](#)

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
