

Datasheet for ABIN7552432
PPP1R13B Protein (AA 1-1090) (His tag)



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Overview

Quantity:	1 mg
Target:	PPP1R13B
Protein Characteristics:	AA 1-1090
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R13B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PPP1R13B Protein expressed in mammalien cells.
Sequence:	MMPMILTVFL SNNEQILTEV PITPETTCRD VVEFCKEPGE GSCHLAEVWR GNERPIPFDH MMYEHLQKWG PRREEVKFFL RHEDSPTENS EQGGRQTQEQ RTQRNVINVP GEKRTENGVG NPRVELTLSE LQDMAARQQQ QIENQQQMLV AKEQRLHFLK QQERRQQQSI SENEKLQKLLK ERVEAQENKL KKIRAMRGQV DYSKIMNGNL SAEIERFSAM FQEKKQEVQT AILRVDQLSQ QLEDLKKGKL NGFQSYNGKL TGPAAVELKR LYQELQIRNQ LNQEQNSKLQ QQKELLNKRN MEVAMMDKRI SELRERLYGK KIQLNRVNGT SSPQSPLSTS GRVAAVGPYI QVPSAGSFPV LGDPIKPQSL SIASNAAHGR SKSANDGNWP TLKQNSSSSV KPVQVAGADW KDPSVEGSVK QGTVSSQPVP FSALGPTEKP GIEIGKVPVP IPGVGKQLPP SYGTYPSPPTP LGPGSTSSLE RRKEGSLPRP SAGLPSRQRP TLLPATGSTP QPGSSQIQQ RISVPPSPTY PPAGPPAFPA GDSKPELPLT VAIRPFLADK GSRPQSPKRG PQTVNSSSIY SMYLQQATPP KNYQPAAHSA LNKSVKAVYG KPVLPSTGTS PSPLPFLHGS LSTGTPQPQP PSESTEKEPE QDGPAAPADG

Product Details

STVESLPRPL SPTKLTPIVH SPLRYQSDAD LEALRRKLAN APRPLKKRSS ITEPEGPGGP
NIQKLLYQRF NTLAGGMEGT PFYQPSPSQD FMGTLADVDN GNTNANGNLE ELPPAQPTAP
LPAEPAPSSD ANDNELPSPE PEELICPQTT HQTAEPAEDN NNNVATVPTT EQIPSPVAEA
PSPGEEQVPP APLPPASHPP ATSTNKRTNL KKPNSERTGH GLRVRFNPLA LLLDASLEGE
FDLVQRIIE VEDPSKPND E GITPLHNAV C AGHHHIVKFL LDFGVNVNAA DSDGWTPLHC
AASCNSVHLC KQLVESGAAI FASTISDIET AADKCEEMEE GYIQCSQFLY GVQEKLGMVN
KGVAYALWDY EAQNSDELSF HEGDALTILR RKDESETEWW WARLGDREGY VPKNLLGLYP
RIKPRQRTLA **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

PPP1R13B

Alternative Name:

PPP1R13B ([PPP1R13B Products](#))

Background:

Apoptosis-stimulating of p53 protein 1 (Protein phosphatase 1 regulatory subunit 13B),FUNCTION: Regulator that plays a central role in regulation of apoptosis via its interaction with p53/TP53 (PubMed:11684014, PubMed:12524540). Regulates TP53 by enhancing the

Target Details

DNA binding and transactivation function of TP53 on the promoters of proapoptotic genes in vivo. {ECO:0000269|PubMed:11684014, ECO:0000269|PubMed:12524540}.

Molecular Weight: 119.6 kDa

UniProt: [Q96KQ4](#)

Pathways: [p53 Signaling](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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