Datasheet for ABIN7555050

PPP1R10 Protein (AA 1-940) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	PPP1R10
Protein Characteristics:	AA 1-940
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP1R10 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP1R10 Protein expressed in mammalian cells.
Sequence:	MGSGPIDPKE LLKGLDSFLN RDGEVKSVDG ISKIFSLMKE ARKMVSRCTY LNILLQTRSP EILVKFIDVG GYKLLNNWLT YSKTTNNIPL LQQILLTLQH LPLTVDHLKQ NNTAKLVKQL SKSSEDEELR KLASVLVSDW MAVIRSQSST QPAEKDKKKR KDEGKSRTTL PERPLTEVKA ETRAEEAPEK KREKPKSLRT TAPSHAKFRS TGLELETPSL VPVKKNASTV VVSDKYNLKP IPLKRQSNVA APGDATPPAE KKYKPLNTTP NATKEIKVKI IPPQPMEGLG FLDALNSAPV PGIKIKKKKK VLSPTAAKPS PFEGKTSTEP STAKPSSPEP APPSEAMDAD RPGTPVPPVE VPELMDTASL EPGALDAKPV ESPGDPNQLT RKGRKRKSVT WPEEGKLREY FYFELDETER VNVNKIKDFG EAAKREILSD RHAFETARRL SHDNMEEKVP WVCPRPLVLP SPLVTPGSNS QERYIQAERE KGILQELFLN KESPHEPDPE PYEPIPPKLI PLDEECSMDE TPYVETLEPG GSGGSPDGAG GSKLPPVLAN LMGSMGAGKG PQGPGGGGIN VQEILTSIMG SPNSHPSEEL LKQPDYSDKI KQMLVPHGLL GPGPIANGFP PGGPGGPKGM QHFPPGPGGP MPGPHGGPGG PVGPRLLGPP PPPRGGDPFW DGPGDPMRGG PMRGGPGPGP GPYHRGRGGR GGNEPPPPPP

Product Details

	PFRGARGGRS GGGPPNGRGG PGGGMVGGGG HRPHEGPGGG MGNSSGHRPH EGPGGGMGSG HRPHEGPGGS MGGGGGHRPH EGPGGGISGG SGHRPHEGPG GGMGAGGGHR PHEGPGGSMG GSGGHRPHEG PGHGGPHGHR PHDVPGHRGH DHRGPPPHEH RGHDGPGHGG GGHRGHDGGH SHGGDMSNRP VCRHFMMKGN CRYENNCAFY HPGVNGPPLP **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:	PPP1R10
Alternative Name:	PPP1R10 (PPP1R10 Products)
Background:	Serine/threonine-protein phosphatase 1 regulatory subunit 10 (MHC class I region proline-rich protein CAT53) (PP1-binding protein of 114 kDa) (Phosphatase 1 nuclear targeting subunit) (Protein FB19) (p99),FUNCTION: Scaffold protein which mediates the formation of the PTW/PP1 phosphatase complex by providing a binding platform to each component of the

Target Details

	complex. The PTW/PP1 phosphatase complex plays a role in the control of chromatin structure and cell cycle progression during the transition from mitosis into interphase. Mediates interaction of WDR82 and PPP1CA. Inhibitor of PPP1CA and PPP1CC phosphatase activities. Has inhibitory activity on PPP1CA only when phosphorylated. Binds to mRNA, single-stranded DNA (ssDNA), poly(A) and poly(G) homopolymers (By similarity). {ECO:0000250, ECO:0000269|PubMed:9450550}.
Molecular Weight:	99.1 kDa
UniProt:	Q96QC0
Pathways:	Protein targeting to Nucleus

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

