

Datasheet for ABIN7554841

PPP2R3A Protein (AA 1-1150) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PPP2R3A
Protein Characteristics:	AA 1-1150
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPP2R3A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PPP2R3A Protein expressed in mammalian cells.
Sequence:	MAATYRLVVS TVNHYSVVI DRRFEQAIHY CTGTCHTFTH GIDCIVVHHS VCADLLHIPV SQFKDADLNS MFLPHENGLS SAEGDYPQQA FTGIPRVKRG STFQNTYNLK DIAGEAISFA SGKIKEFSFE KLNKSNHAAY RKGRKVKSDS FNRRSVDL DL LCGHYNNDGN APSFGLLRSS SVEEKPLSHR NSLDTNLTSM FLQNFSEEDL VTQILEKHKI DNFSSGTDIK MCLDILLKCS EDLKKCTDII KQCIKKKSGS SISEGSGNDT ISSSETVYMN VMTRLASYLK KLPFEFMQSG NNEALDLTEL ISNMPSLQLT PFSPVFGTEQ PPKYEDVVQL SASDSGRFQT IELQNDKPNS RKMDTVQSIP NNSTNSLYNL EVNDPRTLKA VQVQSQSLTM NPLENVSSDD LMETLYIEEE SDGKKALDKG QKTENGPSHE LLKVNEHRAE FPEHATHLKK CPTPMQNEIG KIFEKSFVNL PKEDCKSKVS KFEEGDQRDF TNSSSQEEID KLLMDLESFS QKMETSLREP LAKGKNSNFL NSHSQLTGQT LVDLEPKSKV SSPIEKVSPS CLTRIIETNG HKIEEEDRAL LLRILESIED FAQELVECKS SRGSLSQEKE MMQILQETLT TSSQANLSVC RSPVGDKAKD TTSAVLIQQT PEVIKIQNKP EKKPGTPLPP PATSPSSPRP LSPVPHVNNV VNAPLSINIP RYFPEGLPD

Product Details

TCSNHEQTLS RIETAFMDIE EQKADIYEMG KIAKVCGCPL YWKAPMFRAA GGEKTGFVTA
QSFIAMWRKL LNNHHDDASK FICLLAKPNC SSLEQEDFIP LLQDVVDTHP GLTFLKDAPE
FHSRYITTVI QRIFYTVNRS WSGKITSTEI RKSNFLQTLA LLEEEEDINQ ITDYFSYEHF
YVIYCKFWEL DTDHDLYISQ ADLSRYNDQA SSSRIIERIF SGAVTRGKI QKEGRMSYAD
FVWFLISEED KRNPTSIEYW FRCMDVDGDG VLSMYELEYF YEEQCERMEA MGIEPLPFHD
LLCQMLDLVK PAVDGKITLR DLKRCRMAHI FYDTFFNLEK YLDHEQRDPF AVQKDVENDG
PEPSDWDRFA AEEYETLVAE ESAQAQFQEG FEDYETDEPA SPSEFGNKS N KILSASLPEK
CGKLQSVDEE **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: PPP2R3A

Alternative Name: PPP2R3A ([PPP2R3A Products](#))

Background: Serine/threonine-protein phosphatase 2A regulatory subunit B" subunit alpha (PP2A subunit B

Target Details

isoform PR72/PR130) (PP2A subunit B isoform R3 isoform) (PP2A subunit B isoforms B"-PR72/PR130) (PP2A subunit B isoforms B72/B130) (Serine/threonine-protein phosphatase 2A 72/130 kDa regulatory subunit B),FUNCTION: The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.

Molecular Weight: 130.3 kDa

UniProt: [Q06190](#)

Pathways: [PI3K-Akt Signaling](#)

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