

Datasheet for ABIN7553883
FARP1 Protein (AA 1-1045) (His tag)



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Overview

Quantity:	1 mg
Target:	FARP1
Protein Characteristics:	AA 1-1045
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FARP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FARP1 Protein expressed in mammalian cells.
Sequence:	MGEIEQRPTP GSRLGAPENS GISTLERGQK PPPTPSGKLV SIKIQMLDDT QEAFEVPQRA PGKVLLDAVC NHLNLVEGDY FGLEFPDHKK ITVWLDLLKP IVKQIRRPKH VVVKFVVKFF PPDHTQLQEE LTRYLFALQV KQDLAQGRLT CNDTSAALLI SHIVQSEIGD FDEALDREHL AKNKYIPQQD ALEDKIVEFH HNHIGQTPAE SDFQLLEIAR RLEMYGIRLH PAKDREGTKI NLAVANTGIL VFQGFTKINA FNWAKVRKLS FKRKRFLIKL RPDANSAYQD TLEFLMASRD FCKSFWKICV EHHAFFRLFE EPKPKPKPVL FSRGSSFRFS GRTQKQVLDY VKEGGHKKVQ FERKHSKIHS IRSLASQPTE LNSEVLEQSQ QSTSLTFGEG AESPGGQSCR RGKEPKVSAG EPGSHPSAP RRSPAGNKQA DGAASAPTEE EEEVVKDRTQ QSKPQPPQPS TGSLTGSPHL SELSVNSQGG VAPANVTLSPL NLSPDTKQAS PLISPLLNDQ ACPRTDDEDE GRRKRFPDCK AYFIAKEVST TERTYLDLE VITSWFQSTV SKEDAMPEAL KSLIFPNFEP LHKFHTNFLK EIEQRLALWE GRSNAQIRDY QRIGDVMLKN IQGMKHLAAH LWKHSEALEA LENGIKSSRR LENFCRDFEL QKVCYLPLNT FLLRPLHRLM HYKQVLERLC KHPPSHADF RDCRAALAEI

Product Details

TEMVAQLHGT MIKMENFQKL HELKKDLIGI DNLVVPGREF IRLGSLSKLS GKGLQQRMF
LFNDVLLYTS RGLTASNQFK VHGLPLYGM TIEESEDEWG VPHCLTLRGQ RQSIIVAASS
RSEMEKWVED IQMAIDLAEK SSSPAPEFLA SSPPDNKSPD EATAADQESE DDLSASRTSL
ERQAPHRGNT MVHVCWHRNT SVSMVDFSIA VENQLSGNLL RKFKNNGWQ KLWVFTNFC
LFFYKSHQDN HPLASLPLLG YSLTIPSESE NIQKDYVFKL HFKSHVYYFR AESEYTFERW
MEVIRSATSS ASRPHVLSHK ESLVY **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: FARP1

Alternative Name: FARP1 ([FARP1 Products](#))

Background: FERM, ARHGEF and pleckstrin domain-containing protein 1 (Chondrocyte-derived ezrin-like protein) (FERM, RhoGEF and pleckstrin domain-containing protein 1) (Pleckstrin homology domain-containing family C member 2) (PH domain-containing family C member 2),FUNCTION:

Target Details

Functions as a guanine nucleotide exchange factor for RAC1. May play a role in semaphorin signaling. Plays a role in the assembly and disassembly of dendritic filopodia, the formation of dendritic spines, regulation of dendrite length and ultimately the formation of synapses (By similarity). {ECO:0000250}.

Molecular Weight: 118.6 kDa

UniProt: [Q9Y4F1](#)

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