

Datasheet for ABIN7564787
FARP2 Protein (AA 1-1065) (His tag)



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Overview

Quantity:	1 mg
Target:	FARP2
Protein Characteristics:	AA 1-1065
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FARP2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Farp2 Protein expressed in mammalian cells.
Sequence:	MGEIEGTYRA LPTSGTRLGG QTAIGVSTLE PEQSLSPRMQ EKHMRIKRVKL LDSTVELFDI EPKCDGQVLL TQVWKHLNLI ECDYFGLEFK NVQSYWIWLE PMKPIIRQVR KPKNVAVLRLA VKFFPPDPGQ LQEEYTRYLF ALQLKRDILLE ERLTCTANTA ALLISHLLQS EIGDYDETLT REHLKANEYL PNQEKSLKI LDFHQRHTGQ TPAESDFQVL EIARKLEMYG IRFHMASDRE GTKINLAVSH MGVLVFQGT KINTFNWSKV RKLSFKRKRKRF LIKLHPEVHG PYQDTLEFLL GSRDECKNFW KICVEYHTFF RLSDDQPKPKA KAVFFSRGSS FRYSGRTQKQ LVDYVKDGGM KRIPYERRHS KTRTSLHALT VDLPKQSVSF TDGLRTSASL SSANVSFYPP PSSSLSPGGL PNLKDSSSSL VDPQAPVIKS TAAERSSGPS SSDGPSTQSA HLPGPPVLRP GPGFSMDSPQ PSPSSLKSHL SLCPELQAAL STAEQGASPV LSPVLGAGT ARMDNQUEEQK HKHMPEDWAY FIAKEILATE RTYLDLEVI TVWFRSVLIK EEAMPAALMA LLFSNIDPVY EFHRGFLHEV EQLRALWEGP SSAHLKGDHQ RIGDILLRNM RQLKEFTSYF QRHDEVLTTEL EKATKHCKKL EAVYKEFELQ KVCYLPLNTF LLKPVQRLVH YRLLLSRLCA HYSFGHRDYA DCHEALKAIT

Product Details

EVTTTELQQL TRLENLQKLT ELQRDLVGVE NLIAPGREFI REGCLHKLTK KGLQQRMFLL
FSDMLLYTSK SVTGASHFRI RGFLPLRGML VEESENEWSV PHCFTIYAAQ KTIVVAASTR
LEKEKWMQDL NAAIQAAKI GDSPPVLLGG PVYTRTPRSS DEVSLEESED GRGNRGSLEG
NSQHRANTTM HVCWYRNTSV SRADHSAAVE NQLSGYLLRK FKNSNGWQKL WVVFTNFCLF
FYKTHQDDYP LASLPLLGYS VSLPREADSI HKDYVFKLQF KSHVYFFRAE SKYTFFERWMD
VIKRASSSPG RPPSFTQDCS HHSPGLEAEI REKEACPSPC LDKNL **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: FARP2

Alternative Name: Farp2 ([FARP2 Products](#))

Background: FERM, ARHGEF and pleckstrin domain-containing protein 2 (FERM domain including RhoGEF) (FIR) (FERM, RhoGEF and pleckstrin domain-containing protein 2),FUNCTION: Functions as a

Target Details

guanine nucleotide exchange factor that activates RAC1. May have relatively low activity (PubMed:23375260, PubMed:20702777). Plays a role in the response to class 3 semaphorins and remodeling of the actin cytoskeleton. Plays a role in TNFSF11-mediated osteoclast differentiation, especially in podosome rearrangement and reorganization of the actin cytoskeleton. Regulates the activation of ITGB3, integrin signaling and cell adhesion. {ECO:0000269|PubMed:12351724, ECO:0000269|PubMed:16286926, ECO:0000269|PubMed:20702777, ECO:0000269|PubMed:23375260}.

Molecular Weight: 121.3 kDa

UniProt: [Q91VS8](#)

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