

Datasheet for ABIN7562148  
**FARP1 Protein (AA 1-1048) (His tag)**



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## Overview

Quantity:	1 mg
Target:	FARP1
Protein Characteristics:	AA 1-1048
Origin:	Mouse
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:	MGEIEQKPTP ASRLGAPENS GISTLERGQK PPPTPSGKLM TVKIQMLDDT QEAFEVPQRA PGKVLFDVAVC NHLNLVEGDY FGLEFPDHRK IVVWLDLLKP IVKQIRRPKH VVVKFVVKFF PPDHTQLQEE LTRYLFALQV KQDLAQGRLT CNDTSAALLI SHIVQSEIGD FDEALDREHL AKNKYVPQQD ALEDRIMEFH HSHVGQTPAE SDFQLLEVAR RLEMYGIRLH PAKDREGTKI NLAVANTGIL VFQGFTKINA FNWAKVRKLS FKRKRFLIKL RPDVNSSYQD TLEFLMAGRD FCKSFWKICV EHHAFFRLFE EPKPKPKPVL FSRGSSFRFS GRTQKQVLDY VKEGGHKKVQ FERKHSKIHS TRSLVSQPTA PNSEVPKQSP QSASLTFGEG TESPQQSCQ QAKETKACTL ELGPHQSPAL PKSPPGSKAA DGTTVVPPEE EEEEEGGKDG IRPSNPQPPQ PSTGSLTGSP HLSLSINSQ GGAAPANVTL SPNLSPDNKQ ASPLISPLLN DQACPRTDDE EGRRRKRFT DKAYYIAKEV STTERTYLKD LEVIASWFQS TVSKEDSMPE ALKSLIFPNF EPLHKFHTNF LKEIEQRLAL WEGRSNAHVR GDYQRIGDVM LKNIQGMKHL AAHLWKHSEA LEALETSIKG SRRLEHFCDR FELQKVCYLP LNTFLLRPLH RLMHYKHVLE RLCKHHPPNH ADFRDCRAAL

## Product Details

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AEITEMVAQL HGTMIKMENF QKLHELKDDL IGIDNLVTPG REFIRLGSLKLSGKGLQQR  
MFFLFNDVLL YTSRGLTASN QFKVHGQLPL YGMTIEESE EWGVPHCLTL RGQRQSIIVA  
ASSRSEMEKW MEDIQMAIDL AEKSNGPTPE LLASSPPDNK SPDEATAADQ ESEDDLSASR  
TSLERQAPHR GNTMVHVCWH RSTSVSMVDF SIAVENQLSG NLLRKFKNSN GWQKLWVFT  
NFCLFFYKSH QDSHPLASLP LLGYSLTIPS ESENIHKDYV FKLHFKSHVY YFRAESEYTF  
ERWMEVIRSA TSSASRAHIL SHKESHLY **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.**

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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.

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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.

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Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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Grade: custom-made

## Target Details

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Target: FARP1

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Alternative Name: Farp1 ([FARP1 Products](#))

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Background: FERM, ARHGEF and pleckstrin domain-containing protein 1 (FERM, RhoGEF and pleckstrin domain-containing protein 1),FUNCTION: Functions as a guanine nucleotide exchange factor

## Target Details

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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: 118.9 kDa

UniProt: [F8VPU2](#)

## Application Details

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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

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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