

Recombinant Human FARP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FARP1-5822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FARP1 MS Standard C13 and N15-labeled recombinant protein (NP_005757) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein containing a FERM (4.2, exrin, radixin, moesin) domain, a Dbl homology domain, and two pleckstrin homology domains. These domains are found in guanine nucleotide exchange factors and proteins that link the cytoskeleton to the cell membrane. The encoded protein functions in neurons to promote dendritic growth. Alternative splicing results in multiple transcript variants.
Molecular Mass	118.5 kDa
AA Sequence	MGEIEQRPTPGSRLGAPENSGISTLERGQKPPPTPSGKLVSIIQMLDDTQEAFEVP QRAPGKVLLDAVCNHLNLVEGDYFGLEFPDHKKITVWLDLLKPIVKQIRRPKHVVVKF VVKFFPPDHTQLQEELTRYLFALQVKQDLAQGR LTCNDTSAALLISHIVQSEIGDFDE ALDREHLAKNKYIPQQDALEDKIVEFHNNHIGQTPAESDFQLLEIARRLEMYGIRLHP AKDREGTKINLAVANTGILVFQGF TKINAFNWAKVRKLSFKRKRFLIKLRPDANSAYQ DTLEFLMASRDFCKSFWKICVEHHAF FRLFE EEPKPKPKPVLF SRGSSFRFSGRTQK QVLDYVKEGGHKKVQFERKHSKIHSIRSLASQPTELNSEVLEQSQQSTSLTFGEGAE SPGGQSCRRGKEPKVSAGEPGSHPSAPRRSPAGNKQADGAASAPTEEEEEVVK

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DRTQQSKPQPPQPSTGSLTGSPHLSSELSVNSQGGVAPANVTLSPNLSPDTKQASPL
 ISPLLNDQACPRTDDEDEGRRKRFPDCKAYFIAKEVSTTERTYLDLEVITSWFQSTV
 SKEDAMPEALKSLIFPNFEPLHKFHTNFLKEIEQRLALWEGRSNAQIRDYQRIGDVML
 KNIQGMKHLAAHLWKHSEALEALENGIKSSRRLNFCRDFELQKVCYLPLNTFLLRP
 LHRLMHYKQVLERLCKHHPPSHADFRDCRAALAEITEMVAQLHGTMIKMENFQKLH
 ELKKDLIGIDNLVVPGREFIRLGSLSKLSGKGLQQRMFFLFNDVLLYTSRGLTASNQF
 KVHGQLPLYGMTIEESEDEWGVPHCLTLRGQRQSIIVAASSRSEMEKWVEDIQMAID
 LAEKSSSPAPEFLASSPPDNKSPDEATAADQSEDDLSASRTSLERQAPHRGNTMV
 HVCWHRNTSVSMVDFSIAVENQLSGNLLRKFKNSNGWQKLWVFTNFCLFFYKSH
 QDNHPLASLPLLGYSLTIPSESENIQKDYVFKLHFKSHVYYFRAESEYTFERWMEVIR
 SATSSASRPHVLSHKESLVYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FARP1 FERM, ARH/RhoGEF and pleckstrin domain protein 1 [Homo sapiens (human)]

Official Symbol FARP1

Synonyms FARP1; FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-

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derived); FERM, RhoGEF and pleckstrin domain-containing protein 1; CDEP; MGC87400; PLEKHC2; PPP1R75; protein phosphatase 1; regulatory subunit 75; PH domain-containing family C member 2; chondrocyte-derived ezrin-like protein; protein phosphatase 1, regulatory subunit 75; pleckstrin homology domain-containing family C member 2;

Gene ID [10160](#)

mRNA Refseq [NM_005766](#)

Protein Refseq [NP_005757](#)

MIM [602654](#)

UniProt ID [Q9Y4F1](#)

SDS-PAGE

