

## Product datasheet for TP308329L

### FARP1 (NM\_005766) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived) (FARP1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208329 representing NM_005766 Red=Cloning site Green=Tags(s)

MGEIEQRPTPGSRLGAPENSGISTLERGQKPPPTPSGKLVSIQMLDDTQEAFEVPPQAPGKVLDDAVC  
NHLNLVEGDYFGLFEPDHHKITVWLDLLKPIVKQIRRPKHVVVKFVWKFPPDHTQLQEELTRYLFALQV  
KQDLAQGRLTCNDTSAALLISHIVQSEIGDFDEALDREHLAKNKYIPQQDALEDKIVEFHNNHIGQTPAE  
SDFQLEIARRLEMYGIRLHPAKDREGTKINLAVANTGILVFQGFTKINAFNWAKVRKLSFKRKRFLIKL  
RPDANSAYQDTLEFLMASRDFCKSFWKICVEHHAFFRLFEEPKPKPKPVLFSGSSFRFSGRTQKQVLDY  
VKEGGHKKVQFERKHSKIHSIRSLASQPTELNSEVLEQSQQSTSLTFGEGAESPGGQSCRKGKEPKVSAG  
EPGSHSPAPRRSPAGNKQADGAASAPTEEEEEVVKDRTQQSKPQPQPSTGSLTGSPHLSSELSVNSQGG  
VAPANVTLSPNLSPDTKQASPLISPLLNDQACPRDDEDEGRRRKRFPTDKAYFIAKEVSTTERTYLKDL  
VITSWFQSTVSKEDAMPEALKSLIFPNFEPLHKFHTNFLKEIEQRLALWEGRSNAQIRDYQRIGDVMLKN  
IQGMKHLAAHLWKHSEALEALENGIKSSRRLENFCRDFELQKVCYLPLNTFLLRPLHRLMHYKQVLERLC  
KHHPPSHADFRDCRAALAEITEMVAQLHGTMIKMENFQKLHELKDLIGIDNLVPGREFIRLGSLSKLS  
GKGLQQRMFLLFNDVLLYTSRGLTASNQFKVHGQLPLYGMTIEESEDEWGVPHCLTLRGQRQSIIVAASS  
RSEMEKWVEDIQMAIDLAEKSSPAPEFLASSPPDNKSPDEATAADQESEDDLSASRTSLERQAPHRGNT  
MVHVCWHRNTSVSMVDFSIAVENQLSGNLLRKFKNSNGWQKLWVFTNFCLFFYKSHQDNHPLASLPLLG  
YSLTIPSESENIQKDYVFKLHFKSHVYFRAESEYTFERWMEVIRSATSSASRPHVLSHKESLVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

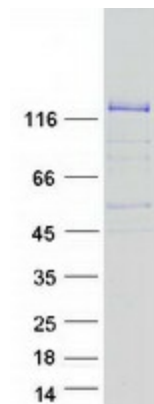
Tag:	C-Myc/DDK
Predicted MW:	118.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_005757</a>
<b>Locus ID:</b>	10160
<b>UniProt ID:</b>	<a href="#">Q9Y4F1</a> , <a href="#">A0A2X0TVY0</a>
<b>RefSeq Size:</b>	5028
<b>Cytogenetics:</b>	13q32.2
<b>RefSeq ORF:</b>	3135
<b>Synonyms:</b>	CDEP; FARP1-IT1; PLEKHC2; PPP1R75
<b>Summary:</b>	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. [provided by RefSeq, Nov 2013]

### Product images:



Coomassie blue staining of purified FARP1 protein (Cat# [TP308329]). The protein was produced from HEK293T cells transfected with FARP1 cDNA clone (Cat# [RC208329]) using MegaTran 2.0 (Cat# [TT210002]).