

## Product datasheet for **TP308329M**

### **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, 100 µg  
**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  
EPGSHSPAPRRSPAGNKQADGAASAPTEEEEEVVKDRTQQSKPQPPQPSTGSLTGSPHLSSELSVNSQGG  
VAPANVTLSPNLSPDTKQASPLISPLLNDQACPRDDEDEGRRRKRPPTDKAYFIAKEVSTTERTYLKDL  
VITSWFQSTVSKEDAMPEALKSLIFPNFEPLHKFHTNFLKEIEQRLALWEGRSNAQIRDYQRIGDVMLKN  
IQGMKHLAAHLWKHSEALEALENGIKSSRRLENFCRDFELQKVCYLPLNTFLLRPLHRLMHYKQVLERLC  
KHHPPSHADFRDCRAALAEITEMVAQLHGTMIKMENFQKLHELKDLIGIDNLVPGREFIRLGSLSKLS  
GKGLQQRMFLLFNDVLLYTSRGLTASNQFKVHGQLPLYGMTIEESEDEWGVPHCLTLRGQRQSIIVAASS  
RSEMEKWVEDIQMAIDLAEKSSSPAPEFLASSPPDNKSPDEATAADQESEDDLSASRTSLERQAPHRGNT  
MVHVCWHRNTSVSMVDFSIAVENQLSGNLLRKFKNSNGWQKLWVFTNFCLFFYKSHQDNHPLASLPLLG  
YSLTIPSESENIQKDYVFKLHFKSHVYFRAESEYTFERWMEVIRSATSSASRPHVLSHKESLVY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

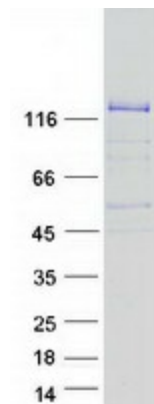
**Tag:** C-Myc/DDK  
**Predicted MW:** 118.5 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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]).