

## Product datasheet for PH308329

### FARP1 (NM\_005766) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FARP1 MS Standard C13 and N15-labeled recombinant protein (NP_005757)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208329
Predicted MW:	118.5 kDa
Protein Sequence:	>RC208329 representing NM_005766 Red=Cloning site Green=Tags(s)

MGEIEQRPTPGSRLGAPENSGISTLERGQKPPPTPSGKLVSIKIQLDDTQEAFEVPPQAPGKVLDDAVC  
NHLNLVEGDYFGLFEPDHKKITVWLDLLKPIVKQIRRPKHVVVKFVVKFFPPDHTQLQEELTRYLFALQV  
KQDLAQGRLTCNDTSAALLISHIVQSEIGDFDEALDREHLAKNKYIPQQDALEDKIVEFHNNHIGQTPAE  
SDFQLLEIARRLEMYGIRLHPAKDREGTKINLAVANTGILVFQGFTKINAFNWAKVRKLSFKRKRFLIKL  
RPDANSAYQDTLEFLMASRDFCKSFWKICVEHHAFFRLFEPPKPKPKPVLF SRGSSFRFSGRTQKQVLDY  
VKEGGHKKVQFERKHSKIHSIRSLASQPTLNSEVLEQSQQSTSLTFGEGAESPGGQSCRKGEPKVSAG  
EPGSHSPAPRRSPAGNKQADGAASAPTEEEEEVVKDRTQQSKPQPSTGSLTGSPHLSVNSQGG  
VAPANVTLSPNLSPDTKQASPLISPLLDQACPRDDEDEGRRKRFPD KAYFIAKEVSTTERTYLDKLE  
VITSWFQSTVSKEDAMPEALKSLIFPNFEPLHKFHTNFKLKEIEQRLALWEGRSNAQIRDYQIRIGDVMLKN  
IQGMKHLAAHLWKHSEALEALENGIKSSRRLNFCRDFELQKVCYLP LNTFLLRPLHRLMHYKQVLERLC  
KHHPPSHADFRDCRAALAEITEMVAQLHGTMIKMENFQKLHELKDLIGIDNLVVPGRFIRLGSLSKLS  
GKGLQQRMFLLFNDVLLYTSRGLTASNQFVHGQLPLYGMTIEESEDEWGVPHCLTLRGQRQSIIVAASS  
RSEMEKWVEDIQMAIDLAEKSSSPAPEFLASSPPDNKSPDEATAADQSEDDL SASRTSLERQAPHRGNT  
MVHVCWHRNTSVSMVDFSI AVENQLSGNLLRKFKNSNGWQKLWVVF TNFCLFFYKSHQDNHPLASLPLLG  
YSLTIPSESENIQKDYVFKLHFKSHVYFRAESEYTFERWMEVIRSATSSASRPHVLSHKESLVY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

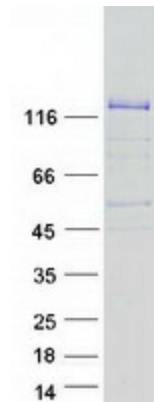
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.



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Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005757</a>
RefSeq Size:	5028
RefSeq ORF:	3135
Synonyms:	CDEP; FARP1-IT1; PLEKHC2; PPP1R75
Locus ID:	10160
UniProt ID:	<a href="#">Q9Y4F1</a> , <a href="#">A0A2X0TVY0</a>
Cytogenetics:	13q32.2
Summary:	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]).