

## Product datasheet for TP512845

### Farp1 (NM\_134082) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse FERM, RhoGEF (Arhgef) and pleckstrin domain protein 1 (chondrocyte-derived) (Farp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR212845 representing NM_134082 Red=Cloning site Green=Tags(s)

MGEIEQKPTPASRLGAPENSGISTLERGQKPPPTPSGKLMTVKIQMLDDTQEAFEVPPQAPGKVLFDVAVC  
NHLNLVEGDYFGLFDPDRKIVVWLDLLKPIVKQIRRPKHVVVWKFVWKFPPDHTQLQEELTRYLFALQV  
KQDLAQGRLTCNDTSAALLSHIVQSEIGDFDEALDREHLAKNKYVPQQDALEDRIMEFHSHVGGTQPAE  
SDFQLLEVARREMYGIRLHPAKDREGTKINLAVANTGILVFQGFTKINAFNWAKVRKLSFKRKRFLIKL  
RPDVNSSYQDTLEFLMAGRDFCKSFWKICVEHHAFFRLFEEPKPKPKPVLFSSRGSSFRFSGRTQKQVLDY  
VKEGGHKKVQFERKHSKIHSTRSLVSQPTAPNSEVPKQSPQSASLTFGEGTESPGGQSCQAKETKACTL  
ELGPHQSPALPKSPPGSKAADGTTVVPPEEEEEEGGKDGIRPSNPQPPQPSTGSLTGSPHLSLSINSQ  
GGAAPANVTLSPNLSPDNKQASPLISPLLNDQACPRTDDEEEGRRKRFPDTCAYYIAKEVSTTERTYLKD  
LEVIASWFQSTVSKEDSMPEALKSLIFPNFEPLHKFHTNFLKEIEQRLALWEGRSNAHVGRDYQRIGDVM  
LKNIQGMKHLAAHLWKHSEALEALETSIKGSRRLEHFCRDFELQKVCYLPLNTFLLRPLHRLMHYKHVLE  
RLCKHHPPNHADFRDCRAALAEITEMVAQLHGTMIKMFQKLHELKDLIGIDNLVTPGREFIRLGSLS  
KLSGKGLQRMFFLFNDVLLYTSRGLTASNQFKVHGQLPLYGMTIEESEEWGVPHCLTLRGQRQSIIVA  
ASSRSEMEKWMEDIQMAIDLAEKSNNGTPELLASSPPDNKSPDEATAADQESEDDLSASRTSLERQAPHR  
GNTMVHVCWHRSTSVSMVDFSIAVENQLSGNLLRKFKNSNGWQKLWVFTNFCLEFFYKSHQDSHPLASLP  
LLGYSLTIPSESENIHKDYVFKLHFKSHVYFRAESEYTFERWMEVIRSATSSASRAHILSHKESHLY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	119.3 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>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 after receiving vials.
<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_598843</a>
<b>Locus ID:</b>	223254
<b>UniProt ID:</b>	<a href="#">F8VPU2</a> , <a href="#">Q8BM51</a>
<b>RefSeq Size:</b>	4857
<b>Cytogenetics:</b>	14 E5
<b>RefSeq ORF:</b>	3144
<b>Synonyms:</b>	AW228844; BC030329; Cdep
<b>Summary:</b>	Functions as guanine nucleotide exchange factor 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).[UniProtKB/Swiss-Prot Function]