

Product datasheet for TP300398M

FHL2 (NM_201557) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens four and a half LIM domains 2 (FHL2), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200398 protein sequence Red =Cloning site Green =Tags(s)
	MTERFDCHHCNESLFGKKYILREESPYCVCFETLFANTCEECKGPIGCDCKDLSYKDRHWHEACFHCSQ CRNSLVDKPFPAKEDQLLCTDCYSNEYSSKCQECKKTIMPGTRKMEYKGSSWHETCFICHRCQQPIGTKS FIPKDNQNFVCPCYEKQHAMQCVQCKPITGGVYREQPWHKECFVCTACRKQLSGQRFTARDDFAFCL NCFCDLYAKKCAGCTNPISGLGGTKYISFEERQWHNDCFNCKKCSLSLVGRGFLTERDDILCPDCGKDI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_963851</u>
Locus ID:	2274



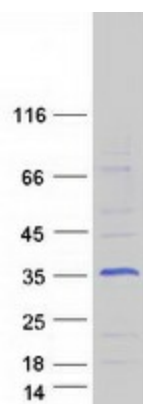
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UniProt ID: [Q14192](#), [Q6I9R8](#), [Q2XQU9](#)
RefSeq Size: 1727
Cytogenetics: 2q12.2
RefSeq ORF: 837
Synonyms: AAG11; DRAL; FHL-2; SLIM-3; SLIM3

Summary: This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. This protein is thought to have a role in the assembly of extracellular membranes. Also, this gene is down-regulated during transformation of normal myoblasts to rhabdomyosarcoma cells and the encoded protein may function as a link between presenilin-2 and an intracellular signaling pathway. Multiple alternatively spliced variants encoding different isoforms have been identified. [provided by RefSeq, Jan 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FHL2 protein (Cat# [TP300398]). The protein was produced from HEK293T cells transfected with FHL2 cDNA clone (Cat# [RC200398]) using MegaTran 2.0 (Cat# [TT210002]).