

Product datasheet for **TP303478M**

FHL1 (NM_001449) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human four and a half LIM domains 1 (FHL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203478 representing NM_001449 Red =Cloning site Green =Tags(s)
	 MAEKFDCHYCRDPLQGKKYVQKDGHHCLKCFDKFCANTCVECRKPIGADSKEVHYKNRFWHDTCFRCAK CLHPLANETFVAKDNKILCNKCTTREDSPKCKGCFKAIVAGDQNVYKGTVWHKDCFTCSNCKQVIGTGS FFPKGEDFYCVTCHETKFAKHCVKCNKAITSGGITYQDQPWHADCFVCVTCSSKLAGQRFTAVEDQYYCV DCYKNFVAKKAGCKNPITGFGKGSVVAYEGQSWHDYCFHCKKCSVNLANKRFVHQEQVYCPDCAKLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	31.7 kDa
Concentration:	>0.1 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
Bioactivity:	Enzyme substrate (PMID: 26551678)
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:	NP_001440
Locus ID:	2273



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UniProt ID: [Q13642](#)

RefSeq Size: 2398

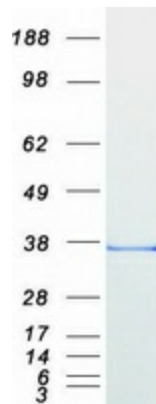
Cytogenetics: Xq26.3

RefSeq ORF: 840

Synonyms: FCMSU; FHL-1; FHL1A; FHL1B; FLH1A; KYOT; RBMX1A; RBMX1B; SLIM; SLIM-1; SLIM1; SLIMMER; XMPMA

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. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.[provided by RefSeq, Nov 2009]

Product images:



Coomassie blue staining of purified FHL1 protein (Cat# [TP303478]). The protein was produced from HEK293T cells transfected with FHL1 cDNA clone (Cat# [RC203478]) using MegaTran 2.0 (Cat# [TT210002]).