Recombinant Human FHL1, MYC/DDK-tagged

Cat. No. FHL1-128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FHL1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	31.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	FHL1 four and a half LIM domains 1 [Homo sapiens (human)]
Official Symbol	FHL1
Synonyms	FHL1; four and a half LIM domains 1; KYOT; SLIM; FHL-1; FHL1A; FHL1B; FLH1A; SLIM1; XMPMA; SLIM-1; SLIMMER; four and a half LIM domains protein 1; LIM protein SLIMMER; four-and-a-half Lin11, Isl-1 and Mec-3 domains 1; skeletal muscle LIM-protein 1
Gene ID	2273
mRNA Refseq	NM_001449
Protein Refseq	NP_001440
MIM	300163
UniProt ID	Q13642
Chromosome Location	Xq26
Pathway	Delta-Notch Signaling Pathway
Function	ion channel binding; molecular_function; protein binding; zinc ion binding

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