

## Recombinant Human FHL1, MYC/DDK-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

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<b>Gene Name</b>	FHL1 four and a half LIM domains 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FHL1
<b>Synonyms</b>	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
<b>Gene ID</b>	2273
<b>mRNA Refseq</b>	NM_001449
<b>Protein Refseq</b>	NP_001440
<b>MIM</b>	300163
<b>UniProt ID</b>	Q13642
<b>Chromosome Location</b>	Xq26
<b>Pathway</b>	Delta-Notch Signaling Pathway
<b>Function</b>	ion channel binding; molecular_function; protein binding; zinc ion binding

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