

Recombinant Human FHL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FHL2-6633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FHL2 MS Standard C13 and N15-labeled recombinant protein (NP_001034581) with a C-terminal MYC/DDK tag, 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. 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.
Molecular Mass	32.2 kDa
AA Sequence	MTERFDCHHCNESLFGKKYILREESPYCVVCFETLFANTCEECKPIGCDCKDLSYK DRHWHEACFHCSQCRNSLVDPFAAKEDQLLCTDCYSNEYSSKCQECKKTIMPGT RKMEYKGSSWHETCFICHRCQQPIGTKSFIPKDNQNFVPCYEKQHAMQCVQCKK PITGGVITYREQPWHKECFVCTACRKQLSGQRFTARDDFAYCLNCFCDLYAKKCA GCTNPISGLGGTKYISFEERQWHNDCFNCKKCSLSLVGRGFLTERDDILCPDCGKDI

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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name FHL2 four and a half LIM domains 2 [Homo sapiens (human)]

Official Symbol FHL2

Synonyms FHL2; four and a half LIM domains 2; four and a half LIM domains protein 2; DRAL; SLIM3; LIM domain protein DRAL; aging-associated gene 11; skeletal muscle LIM-protein 3; four and a half LIM-domain protein 2; down-regulated in rhabdomyosarcoma LIM protein; AAG11; FHL-2; SLIM-3;

Gene ID 2274

mRNA Refseq NM_001039492

Protein Refseq NP_001034581

MIM 602633

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UniProt ID

Q14192

SDS-PAGE



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