

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

**Cat. No.** FHL2-6618H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FHL2 MS Standard C13 and N15-labeled recombinant protein (NP_963851) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 32.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MTERFDCHHCNESLFGKKYILREESPYCVVCFETLFANTCEECKGKPIGCDCKDLSYK<br>DRHWHEACFHCSQCRNSLVDPFAAKEDQLLCTDCYSNEYSSKCQECKKTIMPGT<br>RKMEYKGSSWHETCFICHRCQQPIGKTSFIPKDNQNFVPCYEKQHAMQCVQCKK<br>PITGGVITYREQPWHKECFVCTACRKQLSGQRFTARDDFAYCLNCFCDLYAKKCA<br>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\\_201557](#)

**Protein Refseq** [NP\\_963851](#)

**MIM** [602633](#)

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UniProt ID

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