

Product datasheet for PH320344

FHL2 (NM_001450) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | FHL2 MS Standard C13 and N15-labeled recombinant protein (NP_001441) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC220344 |
| Predicted MW: | 32.2 kDa |
| Protein Sequence: | >RC220344 protein sequence Red=Cloning site Green=Tags(s) MTERFDCHHCNESLFGKKYILREESPYCVVCFETLFANTCEECKGKPIGCDCKDLSYKDRHWHEACFHCSQ CRNSLVDKPF AAKEDQLLCTDCYSNEYSSKQCECKKTIMPGRKMEYKGSWHETCFICHRCQQPIGTKS FIPKDNQNF CVPCYEKQHAMQCVQCKKPITGGVTYREQPWHKECFVCTACRKQLSGQRF TARDDFAYCL NCFCDLYAKKCAGCTNPISGLGGTKYISFEERQWHNDCFNCKKCSLSLVGRGFL TERDDILCPDCGKDI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_001441 |
| RefSeq Size: | 1735 |
| RefSeq ORF: | 837 |
| Synonyms: | AAG11; DRAL; FHL-2; SLIM-3; SLIM3 |
| Locus ID: | 2274 |
| UniProt ID: | Q14192 , Q6I9R8 |



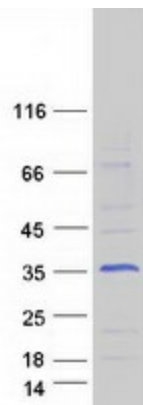
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Cytogenetics: 2q12.2

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. 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. [provided by RefSeq, Jan 2016]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FHL2 protein (Cat# [TP320344]). The protein was produced from HEK293T cells transfected with FHL2 cDNA clone (Cat# [RC220344]) using MegaTran 2.0 (Cat# [TT210002]).