

## Product datasheet for PH303991

### FHL3 (NM\_004468) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FHL3 MS Standard C13 and N15-labeled recombinant protein (NP_004459)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203991
Predicted MW:	31.2 kDa
Protein Sequence:	>RC203991 protein sequence Red=Cloning site Green=Tags(s)  MSESFDCAKCNESLYGRKYIQTDSGPYCVPCYDNTFANTCAECQQLIGHDSRELFYEDRHFHEGCFRCCR CQRSLADEPFTCQDSELLCNDYCSAFSSQCSACGETVMPGSRKLEYGGQTWHEHCFLCSGCEQPLGSR FVPDKGAHYCVPCYENKFAPRCARCSKTLTQGGVTYRDQPWHRECLVCTGCQTPLAGQQFTSRDEDPYCV ACFGELFAPKCSSCKRPVGLGGGKYVSFEDRHWHHNCFCSCARCSTSLVGQGFVDPGDQVLCQGCSQAGP  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_004459</a>
RefSeq Size:	1662
RefSeq ORF:	840
Synonyms:	SLIM2
Locus ID:	2275
UniProt ID:	<a href="#">Q13643</a>

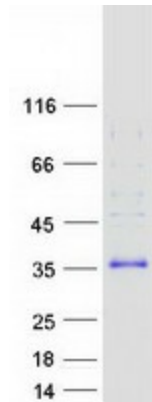


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Cytogenetics: 1p34.3

**Summary:** The protein encoded by this gene is a member of a family of proteins containing a four-and-a-half LIM domain, which is a highly conserved double zinc finger motif. The encoded protein has been shown to interact with the cancer developmental regulators SMAD2, SMAD3, and SMAD4, the skeletal muscle myogenesis protein MyoD, and the high-affinity IgE beta chain regulator MZF-1. This protein may be involved in tumor suppression, repression of MyoD expression, and repression of IgE receptor expression. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

### Product images:



Coomassie blue staining of purified FHL3 protein (Cat# [TP303991]). The protein was produced from HEK293T cells transfected with FHL3 cDNA clone (Cat# [RC203991]) using MegaTran 2.0 (Cat# [TT210002]).