

## Product datasheet for TP303991L

### FHL3 (NM\_004468) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human four and a half LIM domains 3 (FHL3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203991 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MSESFDCAKCNESLYGRKYIQTDSGPYCVPCYDNTFANTCAECQQLIGHDSRELFYEDRHFHEGCFRCCR CQRSLADEPFTCQDSELLCNDICYSAFSSQCSACGETVMPPGSRKLEYGGQTWHEHCFLCSGCEQPLGSRS FVPDKGAHYCVPCYENKFAPRCARCSKTLTQGGVTYRDQPWHRECLVCTGCQTPLAGQQFTSRDEDPYC V ACFGELFAPKCSSCKRPIVGLGGGKYVSFEDRHHWHNCFSCARCSTSLVGQGFVPDGDQVLCQGCSQAG P  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	31 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_004459</a></u>
Locus ID:	2275


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UniProt ID: [Q13643](#)

RefSeq Size: 1662

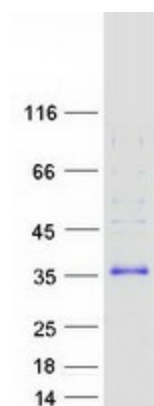
Cytogenetics: 1p34.3

RefSeq ORF: 840

Synonyms: SLIM2

**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]).