

Recombinant Human FHL3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FHL3-5365H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FHL3 MS Standard C13 and N15-labeled recombinant protein (NP_004459) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	31.2 kDa
AA Sequence	MSESFDCAKCNESLYGRKYIQTDSGPYCVPCYDNTFANTCAECQQLIGHDSRELFY EDRHFHEGCFRCCRCQRSLADEPFTCQDSELLCNDYCSAFSSQCSACGETVMPPG SRKLEYGGQTWHEHCFLCSGCEQPLGSRSFVPDKGAHYCVPCYENKFAPRCARC SKTLTQGGVTYRDQPWHRECLVCTGCQTPLAGQQFTSRDEDPYCVACFGELFAPK CSSCKRPIVGLGGGKYVSFEDRHHWHNCFSCARCSTSLVGQGFVPDGDQVLCQG

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CSQAGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	FHL3 four and a half LIM domains 3 [Homo sapiens (human)]
Official Symbol	FHL3
Synonyms	FHL3; four and a half LIM domains 3; four and a half LIM domains protein 3; SLIM2; FHL-3; SLIM-2; LIM-only protein FHL3; skeletal muscle LIM-protein 2; MGC8696; MGC19547; MGC23614;
Gene ID	2275
mRNA Refseq	NM_004468
Protein Refseq	NP_004459
MIM	602790

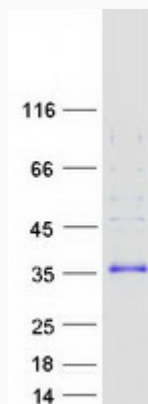
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UniProt ID

Q13643

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