

Recombinant Human FHL3, GST-tagged

Cat. No. FHL3-12890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FHL3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-280a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	FHL3 four and a half LIM domains 3 [Homo sapiens]
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_001243878
Protein Refseq	NP_001230807
MIM	602790
UniProt ID	Q13643
Chromosome Location	1p34.3
Function	actin binding; metal ion binding; zinc ion binding;

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