

Product information



FHL3, 1-280aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2411

Full name: Four and a half LIM domains 3

NCBI Accession No.: NP_004459

Synonyms: SLIM2

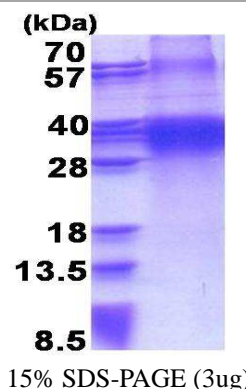
Description: FHL3 is a member of a family of proteins containing a four-and-a-half LIM domain, which is a highly conserved double zinc finger motif. The protein has been shown to interact with the cancer developmental regulators SMAD2, SMAD3, and SMAD4, the skeletal muscle myogenesis protein MyoD, and 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. Recombinant human FHL3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight: 33.6 kDa (303aa) confirmed by MALDI-TOF

Purity: > 90% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMSSEFDC AKCNESLYGR KYIQTDSGPY CVPCYDNTFA NTCAECQQLI GHDSRELFYE DRHFHEGCFR
CCRCQRSLAD EPFTCQDSEL LCNDCYCSAF SSQCSACGET VMPGSRKLEY GGQTWHEHCF LCSGCEQLPG SRSFVPDKGA HYCVPCYENK
FAPRCARCSK TLTQGGVTYR DQPWRECLV CTGCQTPLAG QQFTSRDEDP YCVACFGELF APKCSSCKRP IVGLGGGKYV SFEDRHWHHN
CFSCARCSTS LVGQGFVPDG DQVLCQGC SQ AGP

General references:

Morgan M.J., *et al.* (1999) *Biochem. Biophys. Res. Commun.* 255:245-250

Morgan M.J., *et al.* (1996) *Biochem. Biophys. Res. Commun.* 225:632-638

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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