

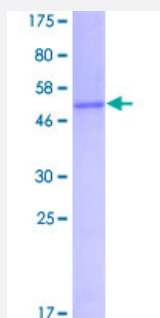
Full-Length

FHL1 (Human) Recombinant Protein (P01)

Catalog # H00002273-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human FHL1 full-length ORF (NP_001440.2, 1 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEKFDCHYCRDPLQGKKYVQKDGHHCCCLKCFDKFCANTCVECRKPIGADSKEVHYKNRFWH
DTCFRCAKCLHPLANETFVAKDNKILCNKCTTREDSPKCKGCFKAVAGDQNVYKGTVWHKDC
FTCSNCKQVIGTGSFFPKGEDFYCVTCHETKFAKHCVKCNKAITSGGITYQDQPWHADCFVCVTC
SKKLAGQRFTAVEDQYYCVDYKCNFVAKKCAGCKNPITGFGKGSSVVA YEGQSWHDYCFHCKK
CSVNLANKRFV FHQEQVYCPDCAKKL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.3

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FHL1

Entrez GeneID	2273
GeneBank Accession#	NM_001449.3
Protein Accession#	NP_001440.2
Gene Name	FHL1
Gene Alias	FHL1B, FLH1A, KYO-T, MGC111107, SLIM1, XMPMA, bA535K18.1
Gene Description	four and a half LIM domains 1
Omim ID	300163
Gene Ontology	Hyperlink
Gene Summary	LIM proteins, named for 'LIN11, ISL1, and MEC3,' are defined by the possession of a highly conserved double zinc finger motif called the LIM domain.[supplied by OMIM]
Other Designations	Four-and-a-half LIM domains 1 OTTHUMP00000024097 bA535K18.1 (LIM protein SLIMMER)

Publication Reference

- [Protein phosphatase 5 regulates titin phosphorylation and function at a sarcomere-associated mechanosensor complex in cardiomyocytes.](#)

Krysiak J, Unger A, Beckendorf L, Hamdani N, von Frieling-Salewsky M, Redfield MM, Dos Remedios CG, Sheikh F, Gergs U, Boknik P, Linke WA.

Nature Communications 2018 Jan; 9(1):262.

Application: PI, Recombinant protein