

## **Product datasheet for TP303478**

## OriGene Technologies, Inc.

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## FHL1 (NM\_001449) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human four and a half LIM domains 1 (FHL1), 20 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC203478 representing NM\_001449 **or AA Sequence:** Red=Cloning site Green=Tags(s)

MAEKFDCHYCRDPLQGKKYVQKDGHHCCLKCFDKFCANTCVECRKPIGADSKEVHYKNRFWHDTCFRCAK CLHPLANETFVAKDNKILCNKCTTREDSPKCKGCFKAIVAGDQNVEYKGTVWHKDCFTCSNCKQVIGTGS FFPKGEDFYCVTCHETKFAKHCVKCNKAITSGGITYQDQPWHADCFVCVTCSKKLAGQRFTAVEDQYYCV DCYKNFVAKKCAGCKNPITGFGKGSSVVAYEGQSWHDYCFHCKKCSVNLANKRFVFHQEQVYCPDCAKKL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 31.7 kDa

Concentration: >0.1 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

**Bioactivity:** Enzyme substrate (PMID: 26551678)

**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.

**RefSeg:** NP 001440

Locus ID: 2273





UniProt ID: Q13642

RefSeq Size: 2398
Cytogenetics: Xq26.3
RefSeq ORF: 840

Synonyms: FCMSU; FHL-1; FHL1A; FHL1B; FLH1A; KYOT; RBMX1A; RBMX1B; SLIM; SLIM-1; SLIM1; SLIMMER;

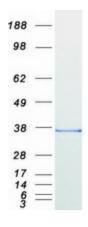
XMPMA

**Summary:** This gene encodes a member of the four-and-a-half-LIM-only protein family. Family members

contain two highly conserved, tandemly arranged, zinc finger domains with four highly conserved cysteines binding a zinc atom in each zinc finger. Expression of these family members occurs in a cell- and tissue-specific mode and these proteins are involved in many cellular processes. Mutations in this gene have been found in patients with Emery-Dreifuss muscular dystrophy. Multiple alternately spliced transcript variants which encode different

protein isoforms have been described.[provided by RefSeq, Nov 2009]

## **Product images:**



Coomassie blue staining of purified FHL1 protein (Cat# TP303478). The protein was produced from HEK293T cells transfected with FHL1 cDNA clone (Cat# [RC203478]) using MegaTran 2.0 (Cat# [TT210002]).