

Datasheet for ABIN2721133
FHL1 Protein (Myc-DYKDDDDK Tag)



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1 Image

1 Publication

Overview

Quantity:	20 µg
Target:	FHL1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FHL1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human FHL1 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	FHL1
Alternative Name:	Fhl1 (FHL1 Products)
Background:	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

Target Details

muscular dystrophy. Multiple alternately spliced transcript variants which encode different protein isoforms have been described.[provided by RefSeq, Nov 2009].

Molecular Weight: 31.7 kDa

NCBI Accession: [NP_001440](#)

Application Details

Application Notes: Recombinant human proteins can be used for:
Native antigens for optimized antibody production
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

Handling

Concentration: 50 µg/mL

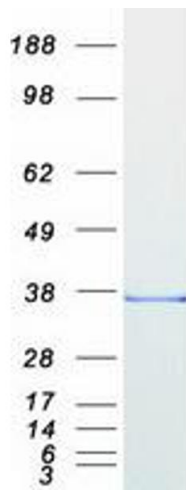
Buffer: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Publications

Product cited in: Bardy, van den Hurk, Kakaradov, Erwin, Jaeger, Hernandez, Eames, Paucar, Gorris, Marchand, Jappelli, Barron, Bryant, Kellogg, Lasken, Rutten, Steinbusch, Yeo, Gage: "Predicting the functional states of human iPSC-derived neurons with single-cell RNA-seq and electrophysiology." in: **Molecular psychiatry**, Vol. 21, Issue 11, pp. 1573-1588, (2016) ([PubMed](#)).



Western Blotting

Image 1. Validation with Western Blot