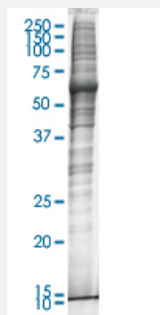


# FBLP-1 HEK293 Cell Transient Overexpression Lysate(Non-Denatured)

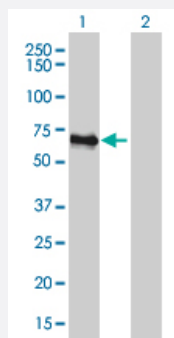
Catalog # L089T6      Size 100 ug

## Applications



### SDS-PAGE Gel

FBLIM1 transfected lysate



### Western Blot

Lane 1: FBLIM1 transfected lysate ( 41 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	HEK293
Plasmid	pCMV-FBLP-1 full length
Host	Human
Theoretical MW (kDa)	41
Lysis Buffer	Modified RIPA Lysis Buffer:50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF.
Concentration	2 mg/ml

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-FBLP-1 antibody ([H00054751-M10](#)) by Western Blots.  
SDS-PAGE Gel  
FBLIM1 transfected lysate  
Western Blot  
Lane 1: FBLIM1 transfected lysate ( 41 KDa).  
Lane 2: Non-transfected lysate.

**Recommend Usage**

Use it directly for immuno-precipitation, or heat lysate with SDS gel loading buffer to 95°C for 5 minutes followed by rapid cooling for western blot application. If dissociating conditions are required, add reducing agent prior to heating.

**Storage Buffer**

In modified RIPA Lysis Buffer.

**Storage Instruction**

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

## Applications

- Western Blot
- Immunoprecipitation

[Protocol Download](#)

## Gene Info — FBLIM1

Entrez GeneID [54751](#)

GeneBank Accession# [NM\\_017556](#)

Protein Accession# [NP\\_060026](#)

Gene Name FBLIM1

Gene Alias CAL, DKFZp434G171, FBLP-1, FBLP1, RP11-169K16.5

Gene Description filamin binding LIM protein 1

Omim ID [607747](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene encodes a protein with an N-terminal filamin-binding domain, a central proline-rich domain, and, multiple C-terminal LIM domains. This protein localizes at cell junctions and may link cell adhesion structures to the actin cytoskeleton. This protein may be involved in the assembly and stabilization of actin-filaments and likely plays a role in modulating cell adhesion, cell morphology and cell motility. This protein also localizes to the nucleus and may affect cardiomyocyte differentiation after binding with the CSX/NKX2-5 transcription factor. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

**Other Designations**

CSX-associated LIM|MITF-interacting protein|OTTHUMP00000003118|OTTHUMP00000003119|OTTHUMP00000003120|filamin-binding LIM protein-1|migfilin|mitogen-inducible 2 interacting protein