

Product datasheet for TP305764L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

FBLIM1 (NM 017556) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human filamin binding LIM protein 1 (FBLIM1), transcript variant 1, 1

mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC205764 protein sequence

or AA Sequence: Red=Cloning site Green=Tags(s)

MASKPEKRVASSVFITLAPPRRDVAVAEEVRQAVCEARRGRPWEAPAPMKTPEAGLAGRPSPWTTPGRAA ATVPAAPMQLFNGGCPPPPPVLDGEDVLPDLDLLPPPPPPPPVLLPSEEEAPAPMGASLIADLEQLHLSP PPPPPQAPAEGPSVQPGPLRPMEEELPPPPAEPVEKGASTDICAFCHKTVFPRELAVEAMKRQYHAQCFT CRTCRRQLAGQSFYQKDGRPLCEPCYQDTLERCGKCGEVVRDHIIRALGQAFHPSCFTCVTCARCIGDES FALGSQNEVYCLDDFYRKFAPVCSICENPIIPRDGKDAFKIECMGRNFHENCYRCEDCRILLSVEPTDQG

CYPLNNHLFCKPCHVKRSAAGCC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 40.5 kDa

Concentration: >0.05 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

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.

RefSeq: NP 060026



Locus ID: 54751

UniProt ID: Q8WUP2

RefSeq Size: 3363

Cytogenetics: 1p36.21

RefSeq ORF: 1119

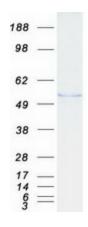
Synonyms: CAL; FBLP-1; FBLP1

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, Jul 2008]

Product images:



Coomassie blue staining of purified FBLIM1 protein (Cat# [TP305764]). The protein was produced from HEK293T cells transfected with FBLIM1 cDNA clone (Cat# [RC205764]) using MegaTran 2.0 (Cat# [TT210002]).