

Recombinant Full Length Human ABLIM1 Protein

Cat. No. ABLIM1-03HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ABLIM1 isoform 4 with a N terminal proprietary tag; Predicted MW 70.18 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	401 amino acids
Description	This gene encodes a cytoskeletal LIM protein that binds to actin filaments via a domain that is homologous to erythrocyte dematin. LIM domains, found in over 60 proteins, play key roles in the regulation of developmental pathways. LIM domains also function as protein-binding interfaces, mediating specific protein-protein interactions. The protein encoded by this gene could mediate such interactions between actin filaments and cytoplasmic targets. Alternatively spliced transcript variants encoding different isoforms have been identified.
Form	Liquid
Molecular Mass	70.180kDa inclusive of tags
AA Sequence	MFTEGEEMYL QGSTVWHPDC KQSTKTEEKL RAKVDNEILD YKDAAIPKV KAIYDIERPD LITYEPFYTS GYDDKQERQS LGESPRTLSP TPSAEGYQDV RDRMIHRSTS QGSINSPVYS RHSYPTTTSR SPQHFHRPDQ GINIYRKPP YKQHAALAAQ SKSSEDIKF SKFPAAQAPD PSETPKIETD HWPGPSPFAV

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VGPD MKRRSS GREEDDEELL RRRQLQEEQL MKLNSGLGQL ILKEEMEKES
 RERSLLASR YDSPINSASH IPSSKTASLP GYGRNGLHRP VSTDFAQYNS
 YGDVSGGVRD YQTLPDGHMP AMRMDRGVSM PNMLEPKIFP YEMLMVTNRG
 RNKILREVDR TRLERHLAPE VFREIFGMSI QEFDRPLWR RNDMKKKAKL F

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.3% Glutathione, 0.79% Tris HCl.

GENE INFORMATION

Gene Name [ABLIM1 actin binding LIM protein 1 \[Homo sapiens \]](#)

Official Symbol [ABLIM1](#)

Synonyms ABLIM1; Actin binding LIM protein 1; ABLIM, LIMAB1; Actin-binding LIM protein 1; abLIM; Limatin

Gene ID [3983](#)

mRNA Refseq [NM_001003407](#)

Protein Refseq [NP_001003407](#)

MIM [602330](#)

UniProt ID [O14639](#)

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