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 YKDLAAIPKV KAIYDIERPD LITYEPFYTS GYDDKQERQS LGESPRTLSP TPSAEGYQDV RDRMIHRSTS QGSINSPVYS RHSYTPTTSR SPQHFHRPDQ GINIYRKPPI YKQHAALAAQ SKSSEDIIKF SKFPAAQAPD PSETPKIETD HWPGPPSFAV

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	VGPDMKRRSS GREEDDEELL RRRQLQEEQL MKLNSGLGQL ILKEEMEKES RERSSLLASR YDSPINSASH IPSSKTASLP GYGRNGLHRP VSTDFAQYNS YGDVSGGVRD YQTLPDGHMP AMRMDRGVSM PNMLEPKIFP YEMLMVTNRG RNKILREVDR TRLERHLAPE VFREIFGMSI QEFDRLPLWR 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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