

Recombinant Full Length Human ABLIM1 Protein, GST-tagged

Cat. No. ABLIM1-790HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ABLIM1 full-length ORF (AAH02448.1, 1 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.
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. [provided by RefSeq, Jul 2008]
Molecular Mass	72.5 kDa
AA Sequence	MFTEGEEMYL QGSTVWHPDC KQSTKTEEKL RAKVDNEILD YKDLAaipkv KAIYDIERPD LITYEPFYTS GYDDKQERQS LGESPRTLSP TPSAEGYQDV RDRMIHRSTS QGSINSPVYS RHSYTPTTSR SPQHFHRPDQ GINIYRKPPi YKQHAALAAQ SKSSEDIKF SKFPAAQAPD PSETPKIETD HWPGPPSFAV VGPDMKRRSS GREEDDEELL RRRQLQEEQL MKLNSGLGQL ILKEEMEKES

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RERSSLLASR YDSPINSASH IPSSKTASLP GYGRNGLHRP VSTDFAQYNS
YGDVSGGVRD YQTLPDGHMP AMRMDRGVSM PNMLEPKIFP YEMLMVTNRG
RNKILREVDR TRLERHLAPE VFREIFGMSI QEFDRLPLWR RNDMKKKAKL F

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; actin-binding double-zinc-finger protein; actin-binding LIM protein family member 1; ABLIM; LIMAB1; LIMATIN; abLIM-1; MGC1224; FLJ14564; KIAA0059; DKFZp781D0148

Gene ID

[3983](#)

mRNA Refseq

[NM_001003407](#)

Protein Refseq

[NP_001003407](#)

MIM

[602330](#)

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UniProt ID

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