



# Recombinant Human Actin-binding LIM protein 1 (ABLIM1)

<b>Product Code</b>	CSB-YP001107HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O14639
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MPAFLGLKCL GKLCSSSEKSK VTSSERTSAR GSNRKRLIVE DRRVSGTSFT  AHRRTATHL LYLCPKDYCP RGRVCNSVDP FVAHPQDPHH PSEKPIVHCH  KCGEPCKGEV LRVQTKHFHI KCFTCKVCGC DLAQGGFFIK NGEYLCTLDY  QRMYGTRCHG CGEFVEGEVV TALGKTYHPN CFACTICKRP FPPGDRVTFN  GRDCLCQLCA QPMSSSPKET TFSSNCAGCG RDIKNGQALL ALDKQWHLGC  FKCKSCGKVL TGEYISKDGA PYCEKDYQGL FGVKCEACHQ FITGKVLEAG  DKHYHPSCAR CSRCNQMFTE GEEMYLQGST VWHPDCKQST  KTEEKLRPTR TSSESIYSRP GSSIPGSPGH TIYAKVDNEI LDYKDLAIP  KVKAIYDIER PDLITYEPFY TSGYDDKQER QSLGESPRTL SPTPSAEGYQ  DVRDRMIHRS TSQGSINSPV YSRHSYTPPT SRSPQHFHRP GNEPSSGRNS  PLPYRPDSRP LTPTYAQAPK HFHVPDQGIN IYRKPIYKQ HAALAAQSKS  SEDIKFSKF PAAQAPDPSE TPKIETHWP GPPSFAVVG PDMKRRSSGRE  EDDEELLRRR QLQEEQLMKL NSGLGQLILK EEMEKESSRER SLLASRYDS  PINSASHIPS SKTASLPGYG RNGLHRPVST DFAQYNSYGD VSGGVRDYQT  LPDGHMPAMR MDRGVSMPTM LEPKIFPYEM LMVTNRGRNK ILREVDTRL  ERHLAPEVFR EIFGMSIQEF DRLPLWRRND MKKKAKLF</p>
<b>Source</b>	Yeast
<b>Target Names</b>	ABLIM1
<b>Protein Names</b>	<p>Recommended name: Actin-binding LIM protein 1 Short name= abLIM-1  Alternative name(s): Actin-binding LIM protein family member 1 Actin-binding double zinc finger protein LIMAB1 Limatin</p>
<b>Expression Region</b>	1-778
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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. This protein could mediate such interactions between actin filaments and cytoplasmic targets. Alternatively spliced transcript variants



encoding different isoforms have been identified.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.