

Datasheet for ABIN7551921

## ABLIM1 Protein (AA 1-778) (His tag)



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### Overview

Quantity:	1 mg
Target:	ABLIM1
Protein Characteristics:	AA 1-778
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ABLIM1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant ABLIM1 Protein expressed in mammalian cells.
Sequence:	<p>MPAFLGLKCL GKLCSEKSK VTSSERTSAR GSNRKRLIVE DRRVSGTSFT AHRRATITHL</p> <p>LYLCPKDYCP RGRVCNSVDP FVAHPQDPHH PSEKPIVHCH KCGEPCKGEV LRVQTKHFHI</p> <p>KCFTCKVCGC DLAQGGFFIK NGEYLCTLDY QRMYGTRCHG CGEFVEGEVV TALGKTYHPN</p> <p>CFACTICKRP FPPGDRVTFN GRDCLCQLCA QPMSSSPKET TFSSNCAGCG RDIKNGQALL</p> <p>ALDKQWHLGC FKCKSCGKVL TGEYISKDGA PYCEKDYQGL FGVKCEACHQ FITGKVLEAG</p> <p>DKHYHPSCAR CSRCNQMFTE GEEMYLQGST VWHPDCKQST KTEEKL RPTR TSSESIYSRP</p> <p>GSSIPGSPGH TIYAKVDNEI LDYKDAAIP KVKAIYDIER PDLITYEPFY TSGYDDKQER</p> <p>QSLGESPRTL SPTPSAEGYQ DVRDRMIHRS TSQGSINSPV YSRHSYTPPT SRSPQHFHRP</p> <p>GNEPSSGRNS PLPYRPDSRP LTPTYAQAPK HFHVPDQGIN IYRKPIYKQ HAALAAQSKS</p> <p>SEDIKFSKF PAAQAPDPSE TPKIETDHPW GPPSFAVVGP DMKRRSSGRE EDDEELLRRR</p> <p>QLQEEQLMKL NSGLGQLILK EEMEKESSRER SLLASRYDS PINSASHIPS SKTASLPGYG</p> <p>RNGLHRPVST DFAQYNSYGD VSGGVRDYQT LPDGHMPAMR MDRGVSMPTNM LEPKIFPYEM</p>

## Product Details

LMVTNRRGRNK ILREVDTRL ERHLAPEVFR EIFGMSIQEF DRLPLWRRND MKKKAKLF **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

**Specificity:** If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

**Characteristics:** **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

**Grade:** custom-made

## Target Details

**Target:** ABLIM1

**Alternative Name:** ABLIM1 ([ABLIM1 Products](#))

**Background:** Actin-binding LIM protein 1 (abLIM-1) (Actin-binding LIM protein family member 1) (Actin-binding double zinc finger protein) (LIMAB1) (Limatin),FUNCTION: May act as scaffold protein (By similarity). May play a role in the development of the retina. Has been suggested to play a role in axon guidance. {ECO:0000250, ECO:0000269|PubMed:9245787}.

**Molecular Weight:** 87.7 kDa

**UniProt:** [O14639](#)

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months