

Datasheet for ABIN7564673

ABLIM1 Protein (AA 1-861) (His tag)



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Overview

Quantity:	1 mg
Target:	ABLIM1
Protein Characteristics:	AA 1-861
Origin:	Mouse
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>MPSLLGLKCL GKLCSEIGK VPSPERASLR NSHRLLIED LSPETPDPA HRRRGTVIHL</p> <p>VYLYSAGCGP PELRFSSYDP SVAHPQDPHH SSEKPIVHCH KCGEPCKGEV LRVQTKHFHI</p> <p>KCFTCKVCGC DLAQGGFFIK NGDYLCTLDY QRMYGTRCHG CGEFVEGEVV TALGKTYHPN</p> <p>CFACTICKRP FPPGDRVTFN GRDCLCQLCA QPMSSSPKEA SCSSNCAGCG RDIKNGQALL</p> <p>ALDKQWHLGC FKCKSCGKVL TGEYISKDGS PYCEKDYQGL FGVKCEACHQ FITGKVLEAG</p> <p>DKHYHPSCAR CSRCNQMFTE GEEMYLQGST VWHPDCKQST KTEEKLPPN IPRSSSDFFY</p> <p>PKSLIRRTGR SPALQLLSPP CLTNSNKNPR QPTRTSSESI YSRPGSSIPG SPGHTIYAKV</p> <p>DNEILDYKDL AAIKVKAIY DIERPDLITY EPFYTSGYED KQERQSLGES PRTLSPTPSA</p> <p>EGYQDVRDRM IHRSTSQGS I NSPVYSRHSY TPTTSRSPQH FHRPELLSPG VHRWSPLRTS</p> <p>SFSSTHSDSR PNPPFRHHFL PHVKGNEPSS GRNSPLPYRP DSRPLTPTYA QAPKHFHVPD</p> <p>QGINIYRKPP IYKQHAALAA QSKASEDIK FSKFPAAQAP DPNEIPKIET DHWPGPPSLA</p> <p>AVGTDPRRRS SGREDEEEL LRRRLQEEQ LMKLNSGLGQ LILKEEMEKE SRERASLASR</p>

Product Details

YDSPLHSASH APSSKTSSLP GYGKNGLHRP VSTDFAQYNS YGDISGGVRD YQTLPDGHMP
AVRMDRGVSM PNMLEPKIFP YEMLMVTNRG RNKILRDVDR TRLERHLAPE VFWEIFGMSI
QEFDKLPLWR RNDMKKKAKL F **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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),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:11163266, ECO:0000269 PubMed:12849746}.
Molecular Weight:	96.8 kDa

Target Details

UniProt: [Q8K4G5](#)

Application Details

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

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