

Datasheet for ABIN7549156
LMOD3 Protein (AA 1-560) (His tag)



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Overview

Quantity:	1 mg
Target:	LMOD3
Protein Characteristics:	AA 1-560
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMOD3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat LMOD3 Protein expressed in mammalian cells.
Sequence:	MSEHSRNSDQ EELLDEEINE DEILANLSAE ELKELQSEME VMAPDPSLPV GMIQKDQTDK PPTGNFNHKS LVDYMYWEKA SRRMLEEERV PVTFVKSEEK TQEEHEEIEK RNKNMAQYLK EKLNNEIVAN KRESKGSSNI QETDEEDEEE EDDDDDDDEGE DDGEESEETN REEEGKAKEQ IRNCENNCQQ VTDKAFKEQR DRPEAQEQSE KKISKLDPKK LALDTSFLKV STRPSGNQTD LDGSLRRVRK NDPDMKELNL NNIENIPKEM LLDFVNAMKK NKHIKTFSLA NVGADENAVF ALANMLRENR SITTLNIESN FITGKGIVAI MRCLQFNETL TELRFHNQRH MLGHHAEIMEI ARLLKANNTL LKMGYHFELP GPRMVVTNLL TRNQDKQRQK RQEEQKQQQL KEQKCLIAML ENGLGLPPGM WELLGGPKPD SRMQEFFQPP PPRPPNPQNV PFSQRSEMMK KPSQAPKYRT DPDSFRVVKL KRIQRKSRMP EAREPPEKTN LKDVIKTLKP VPRNRPPPLV EITPRDQLLN DIRHSSVAYL KPVLQPKELA Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

another tag necessary. In case you have a special request, please contact us.

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).
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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, Western Blot
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Grade:	custom-made
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Target Details

Target:	LMOD3
Alternative Name:	LMOD3 (LMOD3 Products)
Background:	Leiomodin-3 (Leiomodin, fetal form),FUNCTION: Essential for the organization of sarcomeric actin thin filaments in skeletal muscle (PubMed:25250574). Increases the rate of actin polymerization (PubMed:25250574). {ECO:0000269 PubMed:25250574}.
Molecular Weight:	64.9 kDa
UniProt:	Q0VAK6

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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