

Datasheet for ABIN7559027

ELMO3 Protein (AA 1-720) (His tag)



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Overview

Quantity:	1 mg
Target:	ELMO3
Protein Characteristics:	AA 1-720
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELMO3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Elmo3 Protein expressed in mammalian cells.
Sequence:	<p>MAPPRNVVKI AVQMSDAIPQ LIQLDQAKPL ATVLKEVCDA WSLTHPEHYA LQFADGHRKY</p> <p>ITENNRLEIK NGSILCLSTA PDLKAQQLLG RLQNTSREGC CEVLRNLVLL ASDMTFAQEV</p> <p>ISRDLQKLS TIIENGDDL G EMLALGLRAF LELMEHGVVS WETLSISFVR KVISYVNMNL</p> <p>MDASVQPLAL RLLESVTLS PALGQLVKSE VPLDRLLVHL QVMNHQLQTK AMALLTALLQ</p> <p>GASPTERKEM LDHLWKKNL R QFIYKNIHS ATPMGDEMAH HLYVLQALTL GLLEPRMRTP</p> <p>LDPYSQEQRD QLQALRQAAF EPEGESLGTG LSADRRRSLC VREFRKLGF NSNPAQDLER</p> <p>VPPGLLALDN MLYFSRHAPS AYSRFVLENS SREDKHECPF ARSSIQLTAL LCELLRVGEP</p> <p>CSETAQDFSP MFFSQDHSFH ELFCVAIQLL NKTWKEMRAT QEDFDKVMQV VREQLARTLA</p> <p>LKPTSLELFR TKVNALTYGE VLRLRQTERL HQEGTLAPPI LELREKLKPE LMGLIRQQRL</p> <p>LRLCEGMLFR KISSRRRQDK LWFCCLSPNH KVLQYGDVEE GAKPPTLESL PEQLPVADIR</p> <p>ALLMGKDCPH VREKGSQKQN KDLYELAFSI SYDHGEEEEAY LNFIAPSKRD FYLWTDGLSA</p>

LLGSTMGSEL TRLDLEQLLT METKLRLLEL ENVPIPEQPP PVPPPPTNFN FCYDYSITEP

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.

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, Western Blot

Grade:

custom-made

Target Details

Target:

ELMO3

Alternative Name:

Elmo3 ([ELMO3 Products](#))

Background:

Engulfment and cell motility protein 3,FUNCTION: Involved in cytoskeletal rearrangements required for phagocytosis of apoptotic cells and cell motility. Acts in association with DOCK1 and CRK. Was initially proposed to be required in complex with DOCK1 to activate Rac Rho small GTPases. May enhance the guanine nucleotide exchange factor (GEF) activity of DOCK1 (By similarity). {ECO:0000250}.

Molecular Weight:

81.8 kDa

UniProt:

[Q8BYZ7](#)

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.

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