

Datasheet for ABIN7558649

ELMO2 Protein (AA 1-732) (His tag)



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Overview

Quantity:	1 mg
Target:	ELMO2
Protein Characteristics:	AA 1-732
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELMO2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Elmo2 Protein expressed in mammalian cells.
Sequence:	<p>MPPPSDIVKV AIEWPGANAQ LLEIDQKRPL ASIIKEVCDG WSLPNPEYYT LRYADGPQLY</p> <p>VTEQTRNDIK NGTILQLAVS PSRAARQLME RTQSSSMETR LDAMKELAKL SADVTFATEF</p> <p>INMDGIIVLT RLVESGKLL SHYSEMLAFT LTAFLLEMDH GIVSWDMVSV TFIKQIAGYV</p> <p>SQPMVDVSIL QRSLAILESM VLNSQSLYQK IAEEITVGQL ISHLQVSNQE IQTYAIALIN</p> <p>ALFLKAPEDK RQDKHLNPLD LPVTDMANAF AQKHLRSIIL NHVIRGNRPI KTEMAHQLYV</p> <p>LQVLTFNLL ERMMTKMDPN DQAQRDIIFE LRRIAFDAES DPSNVPGSGT EKRKAMYTKD</p> <p>YKMLGFTNHI NPALDFTQTP PGMLALDNML YLAKVHQDTY IRIVLENSSR EDKHECPFGR</p> <p>SAIELTKMLC EILQVGELPN EGRNDYHPMF FTHDRAFEEL FGICIQLLNK TWKEMRATAE</p> <p>DFNKVMQVVR EQITRALPSK PNSLDQFKSK LRSLSYSEIL RLRQSERMSQ DDFQSPPIVE</p> <p>LREKIQPEIL ELIKQQLNR LCEGSSFRKI GNRRRQERFW HCRLALNHKV LHYGDLDDNP</p> <p>QGEVTFESLQ EKIPVADIKA IVTGKDCPHM KEKSALKQNK EVLELAFSIL YDPDETLNFI</p>

Product Details

APNKYEYCIW IDGLSALLGK DMSSELTAKSD LDTLLSMEMK LRLLDLENIQ IPEAPPPVPK
EPSSYDFVYH YG **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:	<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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ELM02
Alternative Name:	Elmo2 (ELM02 Products)
Background:	Engulfment and cell motility protein 2 (Protein ced-12 homolog A),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:	83.9 kDa
UniProt:	Q8BHL5

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