

Datasheet for ABIN7553793
ELMO2 Protein (AA 1-720) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ELMO2
Protein Characteristics:	AA 1-720
Origin:	Human
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:	MPPPSDIVKV AIEWPGANAQ LLEIDQKRPL ASIIKEVCDG WSLPNPEYYT LRYADGPQLY ITEQTRSDIK NGTILQLAIS PSRAARQLME RTQSSNMETR LDAMKELAKL SADVTFATEF INMDGIIVLT RLVESGKLL SHYSEMLAFT LTAFLLEMDH GIVSWDMVSI TFIKQIAGYV SQPMVDVSIL QRSLAILESM VLNSQSLYQK IAEEITVGQL ISHLQVSNQE IQTYAIALIN ALFLKAPEDK RQDMANAFaq KHLRSIILNH VIRGNRPIKT EMAHQLYVLQ VLTfNLLEER MMTKMDPNDQ AQRDIIFELR RIAFDAESDP SNAPGSGTEK RKAMyTKDYK MLGFTNHINP AMDFTQTPPG MLALDNMLYL AKVHQDTYIR IVLENSsRED KHECPFGRSA IELTKMLCEI LQVGELPNEG RNDYHPMFFT HDRAFEELFG ICIQLLNKTW KEMRATAEDF NKVMQVVREQ ITRALPSKPN SLDQFKSKLR SLSYSEILRL RQSERMSQDD FQSPPIVELR EKIQPEILEL IKQQLNRLC EGSSFRKIGN RRRQERFWYC RLALNHKVLH YGDLDDNPQG EVTFESLQEK IPVADIKaIV TGKDCPHMKE KSALKQNKEV LELAFSILYD PDETLNFIAP NKYEYCIWID

GLSALLGKDM SSELTKSDLD TLLSMEMKLR LLDLENIQIP EAPPPPIKPEP SSYDFVYHYG

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>
Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	ELM02
Alternative Name:	ELM02 (ELM02 Products)
Background:	<p>Engulfment and cell motility protein 2 (Protein ced-12 homolog A) (hCed-12A),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. {ECO:0000269 PubMed:11595183, ECO:0000269 PubMed:11703939, ECO:0000269 PubMed:20679435, ECO:0000269 PubMed:27476657}.</p>
Molecular Weight:	82.6 kDa

Target Details

UniProt: [Q96JJ3](#)

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