

Datasheet for ABIN7553764

## ELM01 Protein (AA 1-727) (His tag)



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### Overview

Quantity:	1 mg
Target:	ELM01
Protein Characteristics:	AA 1-727
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELM01 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat ELM01 Protein expressed in mammalian cells.
Sequence:	MPPPADIVKV AIEWPGAYPK LMEIDQKKPL SAIKEVCDG WSLANHEYFA LQHADSSNFY ITEKNRNEIK NGTILRLTTS PAQNAQQLHE RIQSSSMDAK LEALKDLASL SRDVTFAQEF INLDGISLLT QMVESGTERY QKLQKIMKPC FGDMLSFTLT AFVELMDHGI VSWDTFSVAF IKKIASFVNK SAIDISILQR SLAILESMVL NSHDLYQKVA QEITIGQLIP HLQGSQDEIQ TYTIAVINAL FLKAPDERRQ EMANILAQQK LRSIILTHVI RAQRAINNEM AHQLYVLQVL TFNLLIEDRMM TKMDPQDQAQ RDIIFELRRI AFDAESEPNN SSGSMEKRKS MYTRDYKKLG FINHVNPMAMD FTQTTPGMLA LDNMLYFAKH HQDAYIRIVL ENSSREDKHE CPFGRSSIEL TKMLCEILKV GELPSETCND FHPMFFTHDR SFEEFFCICI QLLNKTWKEM RATSEDFNKV MQVVKEQVMR ALTTKPSSLD QFKSKLQNL S YTEILKIRQS ERMNQEDFQS RPILKLEKI QPEILELIQ QRLNRLVEGT CFRKLNARRR QDKFWYCRLS PNHKVLHYGD LEESPQGEVP HDSLQDKLPV ADIKAVVTGK DCPHMKEKGA LKQNKEVLEL AFSILYDSNC QLNFAPDKH EYCIWTDGLN

## Product Details

ALLGKDMMSD LTRNDLDTLL SMEIKLRLLD LENIQIPDAP PPIPKEPSNY DFVYDCN **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:

ELM01

### Alternative Name:

ELM01 ([ELM01 Products](#))

### Background:

Engulfment and cell motility protein 1 (Protein ced-12 homolog),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:12134158}.

### Molecular Weight:

83.8 kDa

### UniProt:

[Q92556](#)

## 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