

Datasheet for ABIN7553832
ELF3 Protein (AA 1-371) (His tag)



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Overview

Quantity:	1 mg
Target:	ELF3
Protein Characteristics:	AA 1-371
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELF3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ELF3 Protein expressed in mammalian cells.
Sequence:	<p>MAATCEISNI FSNYFSAMYS SEDSTLASVP PAATFGADDL VLTLNPQMS LEGTEKASWL GEQPQFWSKT QVLDWISYQV EKNKYDASAI DFSRCDMDGA TLCNCALEEL RLVFGPLGDQ LHAQLRDLTS SSSDELSWII ELLEKDGMAF QEALDPGPFD QGSPFAQELL DDGQQASPYH PGSCGAGAPS PGSSDVSTAG TGASRSSHSS DSGGSDVDLD PTDGKLFPSD GFRDCKKGDP KHGKRKRGRP RKLSKEYWDC LEGKSKHAP RGTHLWEFIR DILIHPELNE GLMKWENRHE GVFKFLRSEA VAQLWGQKKK NSNMTYEKLS RAMRYYYKRE ILERVDGRRRL VYKFGKNSSG WKEEEVLQSR N 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ELF3
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Alternative Name:	ELF3 (ELF3 Products)
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Background:	<p>ETS-related transcription factor Elf-3 (E74-like factor 3) (Epithelial-restricted with serine box) (Epithelium-restricted Ets protein ESX) (Epithelium-specific Ets transcription factor 1) (ESE-1),FUNCTION: Transcriptional activator that binds and transactivates ETS sequences containing the consensus nucleotide core sequence GGA[AT]. Acts synergistically with POU2F3 to transactivate the SPRR2A promoter and with RUNX1 to transactivate the ANGPT1 promoter. Also transactivates collagenase, CCL20, CLND7, FLG, KRT8, NOS2, PTGS2, SPRR2B, TGFBR2 and TGM3 promoters. Represses KRT4 promoter activity. Involved in mediating vascular inflammation. May play an important role in epithelial cell differentiation and tumorigenesis. May be a critical downstream effector of the ERBB2 signaling pathway. May be associated with mammary gland development and involution. Plays an important role in the regulation of transcription with TATA-less promoters in preimplantation embryos, which is essential in preimplantation development (By similarity). {ECO:0000250, ECO:0000269 PubMed:10391676, ECO:0000269 PubMed:10644990, ECO:0000269 PubMed:10773884, ECO:0000269 PubMed:11036073, ECO:0000269 PubMed:11313868,</p>
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Target Details

ECO:0000269|PubMed:12414801, ECO:0000269|PubMed:12624109,
ECO:0000269|PubMed:12682075, ECO:0000269|PubMed:12713734,
ECO:0000269|PubMed:14715662, ECO:0000269|PubMed:14767472,
ECO:0000269|PubMed:15075319, ECO:0000269|PubMed:15169914,
ECO:0000269|PubMed:15794755, ECO:0000269|PubMed:16307850,
ECO:0000269|PubMed:17060315, ECO:0000269|PubMed:9129154,
ECO:0000269|PubMed:9234700, ECO:0000269|PubMed:9336459,
ECO:0000269|PubMed:9395241, ECO:0000269|PubMed:9417054}.

Molecular Weight: 41.5 kDa

UniProt: [P78545](#)

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