

Datasheet for ABIN7547419
ELK1 Protein (AA 1-428) (His tag)



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Overview

Quantity:	1 mg
Target:	ELK1
Protein Characteristics:	AA 1-428
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELK1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ELK1 Protein expressed in mammalien cells.
Sequence:	<p>MDPSVTLWQF LLQLLREQGN GHIISWTSRD GGEFKLVDAE EVARLWGLRK NKTNMNYDKL SRALRYYYDK NIIRKVSGQK FVYKFVSYPE VAGCSTEDCP PQPEVSVTST MPNVAPAAIH AAPGDTVSGK PGTPKGAGMA GPGGLARSSR NEYMRSGLYS TFTIQSLQPQ PPPHPRPAVV LPSAAPAGAA APPSGSRSTS PSPLEACLEA EEAGLPLQVI LTPPEAPNLK SEELNVEPGL GRALPPEVKV EGPKEELEVA GERGFVPETT KAEPEVPPQE GVPARLPAAV MDTAGQAGGH AASSPEISQP QKGRKPRDLE LPLSPSLLGG PGPERTPGSG SGSQLQAPGP ALTPSLLPTH TLTPVLLTPS SLPPSIHFWS TLSPIAPRSP AKLSFQFPSS GSAQVHIPSI SVDGLSTPVV LSPGPQKP</p> <p>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.</p> <p>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:	ELK1
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Alternative Name:	ELK1 (ELK1 Products)
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Background:	ETS domain-containing protein Elk-1,FUNCTION: Transcription factor that binds to purine-rich DNA sequences. Forms a ternary complex with SRF and the ETS and SRF motifs of the serum response element (SRE) on the promoter region of immediate early genes such as FOS and IER2. Induces target gene transcription upon JNK-signaling pathway stimulation (By similarity). {ECO:0000250 UniProtKB:A4GTP4, ECO:0000269 PubMed:1630903, ECO:0000269 PubMed:7889942}.
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Molecular Weight:	44.9 kDa
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UniProt:	P19419
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Pathways:	MAPK Signaling , Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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