

Datasheet for ABIN7547346
ELK4 Protein (AA 1-431) (His tag)



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Overview

Quantity:	1 mg
Target:	ELK4
Protein Characteristics:	AA 1-431
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ELK4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ELK4 Protein expressed in mammalien cells.
Sequence:	<p>MDSAITLWQF LLQLLQKPQN KHMICWTSND GQFKLLQAEV VARLWGIRKN KPNMNYDKLS</p> <p>RALRYYYVKN IIKKVNGQKF VYKFVSYPEI LNMDPMTVGR IEGDCESLNF SEVSSSSKDV</p> <p>ENGKGDKPPQ PGAKTSSRND YIHSGLYSSF TLNSLNSSNV KLFKLIK TEN PAEKLA EKKS</p> <p>PQEPTPSVIK FVTTPSKKPP VEPVAATISI GPSISPSSEE TIQALET LVS PKLPSLEAPT</p> <p>SASNVMTAFATTPPISSIPP LQEPPTPTSP PLSSHDPIDT DIDSVASQPM ELPENLSLEP</p> <p>KDQDSVLLEK DKVNNSRSK KPKGLELAPT LVITSSDPSP LGILSPSLPT ASLTPAFFSQ</p> <p>TPIILTPSPL LSSIHFWSTL SPVAPLSPAR LQGANTLFQF PSVLNSHGPF TLSGLDGPST</p> <p>PGPFSPDLQK T 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

Grade: custom-made

Target Details

Target: ELK4

Alternative Name: ELK4 ([ELK4 Products](#))

Background: ETS domain-containing protein Elk-4 (Serum response factor accessory protein 1) (SAP-1) (SRF accessory protein 1),FUNCTION: Involved in both transcriptional activation and repression. Interaction with SIRT7 leads to recruitment and stabilization of SIRT7 at promoters, followed by deacetylation of histone H3 at 'Lys-18' (H3K18Ac) and subsequent transcription repression. Forms a ternary complex with the serum response factor (SRF). Requires DNA-bound SRF for ternary complex formation and makes extensive DNA contacts to the 5'side of SRF, but does not bind DNA autonomously. {ECO:0000269|PubMed:22722849}.

Molecular Weight: 46.9 kDa

UniProt: [P28324](#)

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

Application Details

	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