Datasheet for ABIN7563237

ELK1 Protein (AA 1-429) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	ELK1
Protein Characteristics:	AA 1-429
Origin:	Mouse
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:	MDPSVTLWQF LLQLLREQGN GHIISWTSRD GGEFKLVDAE EVARLWGLRK NKTNMNYDKL SRALRYYYDK NIIRKVSGQK FVYKFVSYPE VAGCSTEDCP PQPEVSVTSA IAMAPATVHA GPGDTATGKP GTPKGAGMTG QGGLARSSRN EYMRSGLYST FTIQSLQPQP QPPIPPRPAS VLPNTTPAGV PAPASGSRST SPNPLEACLE AEEAGLPLQV ILTPPEAPNQ KSEELSLDPS FGHPQPPEVK VEGPKEELEA ARAGGFSSEA VKAEPEVSAS EGLLARLPAI LTENTAQVCG LSTSTTEITQ PQKGRKPRDL ELPLSPSLLG GQGPERTPGS GTSSGLQAPG PALTPSLLPT HTLTPVLLTP SSLPPSIHFW STLSPIAPRS PAKLSFQFPS SGSAQVHIPS ISVDGLSTPV VLSPGPQKP **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:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalien 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:	ELK1
Alternative Name:	Elk1 (ELK1 Products)
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 (By similarity). Induces target gene transcription upon JNK-signaling pathway stimulation (By similarity). {ECO:0000250|UniProtKB:A4GTP4, ECO:0000250|UniProtKB:P19419}.
Molecular Weight:	45.3 kDa
UniProt:	P41969
Pathways:	MAPK Signaling, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Toll-Like Receptors Cascades, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling

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