Datasheet for ABIN7558118

TFAP2E Protein (AA 1-442) (His tag)

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Overview

Quantity:	1 mg
Target:	TFAP2E
Protein Characteristics:	AA 1-442
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFAP2E protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tfap2e Protein expressed in mammalien cells.
Sequence:	MLVHTYSAME RPDGLGAAAG GTRLSSLPQA AYGPAPPLCH TPAASATADY HPPYFPPPYP QAPLPYGQGP DATAAFPHLA ADPYGGLAPL AQPQPPQAAW AAPRAAARAH DEPPGLLAPP ARALGLDPRR DYAAAVPRLL HSLADGAHGL ADAPLGLPGL AEPPGLEELQ AIDDPGMSLL DQSVIKKVPI PSKAGSLSTL ALSKDSLVGG ISNPSEVFCS VPGRLSLLSS TSKYKVTVGE VQRRLSPPEC LNASLLGGVL RRAKSKNGGR CLRERLEKIG LNLPAGRRKA ANVTLLTSLV EGEAVHLARD FGYVCETEFP AKAAAEYLCR QHADPGELHS RKSMLLAAKQ ICKEFADLMA QDRSPLGNSR PALILEPGVQ SCLTHFSLIT HGFGGPAICA ALTAFQNYLL ESLKGLEKMF LSGAGGGHGE SKASEKDTKH RK **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:	TFAP2E
Alternative Name:	Tfap2e (TFAP2E Products)
Background:	Transcription factor AP-2-epsilon (AP2-epsilon) (Activating enhancer-binding protein 2-epsilon),FUNCTION: Sequence-specific DNA-binding protein that interacts with inducible viral and cellular enhancer elements to regulate transcription of selected genes. AP-2 factors bind to the consensus sequence 5'-GCCNNNGGC-3' and activate genes involved in a large spectrum of important biological functions including proper eye, face, body wall, limb and neural tube development. They also suppress a number of genes including MCAM/MUC18, C/EBP alpha and MYC. AP-2-epsilon may play a role in the development of the CNS and in cartilage differentiation. {ECO:0000269|PubMed:14572467, ECO:0000269|PubMed:14636996, ECO:0000269|PubMed:16684505}.
Molecular Weight:	46.3 kDa
UniProt:	Q6VUP9

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

