

Datasheet for ABIN7563149

TFAP2A Protein (AA 1-437) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	TFAP2A
Protein Characteristics:	AA 1-437
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFAP2A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Tfp2a Protein expressed in mammalien cells.
Sequence:	MLWKLTDNIK YEDCEDRHDG TSNGTARLPQ LGTVGQSPYT SAPPLSHTPN ADFQPPYFPP PYQPIYPQSQ DPYSHVNDPY SLNPLHAQPQ PQHPGWPGQR QSQESGLLHT HRGLPHQLSG LDPRRDYRRH EDLLHGPHAL GSGLGDLPIH SLPHAIEDVP HVEDPGINIP DQTVIKKGPV SLSKSNSNAV SAIPINKDNL FGGVNPNEV FCSVPGRLSL LSSTSKYKVT VAEVQRRLLSP PECLNASLLG GVLRRAKSKN GGRSLREKLD KIGLNL PAGR RKAANVTLT SLVEGEAVHL ARDFGYVCET EPPAKAVAEF LNRQHSDPNE QVARKNMLLA TKQICKEFTD LLAQDRSPLG NSRPNPILEP GIQSCLTHFN LISHGFGSPA VCAAVTALQN YLTEALKAMD KMYLSNNPNS HTDNSAKSSD KEEKHRK 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 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: TFAP2A

Alternative Name: Tfp2a ([TFAP2A Products](#))

Background: Transcription factor AP-2-alpha (AP2-alpha) (AP-2 transcription factor) (Activating enhancer-binding protein 2-alpha) (Activator protein 2) (AP-2),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-alpha is the only AP-2 protein required for early morphogenesis of the lens vesicle. Together with the CITED2 coactivator, stimulates the PITX2 P1 promoter transcription activation. Associates with chromatin to the PITX2 P1 promoter region. {ECO:0000269|PubMed:15475956}.

Molecular Weight: 48.0 kDa

UniProt: [P34056](#)

Pathways: [Caspase Cascade in Apoptosis](#), [EGFR Signaling Pathway](#), [Response to Water Deprivation](#),

Target Details

Sensory Perception of Sound, Tube Formation, Embryonic Body Morphogenesis, Brown Fat Cell Differentiation, Lipid Metabolism

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