

Datasheet for ABIN7586310
TFAP2A Protein (AA 1-437) (His tag)



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Overview

Quantity:	100 µg
Target:	TFAP2A
Protein Characteristics:	AA 1-437
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TFAP2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLWKLTDNIK YEDCEDRHDG TSNGTARLPQ LGTVGQSPYT SAPPLSHTPN ADFQPPYFPP</p> <p>PYQPIYPQSQ DPYSHVNDPY SLNPLHAQPQ PQHPGWPGQR QSQESGLLHT HRGLPHQLSG</p> <p>LDPRRDYRRH EDLLHGPHGL GSGLGDLPIH SLPHAIEDVP HVEDPGINIP DQTVIKKGPV</p> <p>SLSKSNSNAV SAIPINKDNL FGGVVNPNEV FCSVPGRLSL LSSTSKYKVT VAEVQRRLLS</p> <p>PECLNASLLG GVLRRAKSKN GGRSLREKLD KIGLNLPAQR RKAANVTLLT SLVEGEAVHL</p> <p>ARDFGYVCET EFPKAVAEF LNRQHSDPNE QVARKNMLLA TKQICKEFTD LLAQDRSPLG</p> <p>NSRPNPILEP GIQSCLTHFN LISHGFGSPA VCAAVTALQN YLTEALKAMD KMYLSNNPNS</p> <p>HTDNSAKSSD KEEKHRK</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: TFAP2A

Alternative Name: Transcription factor AP-2-alpha (Tfap2a) ([TFAP2A Products](#))

Background: Recommended name: Transcription factor AP-2-alpha.
Short name= AP2-alpha.
Alternative name(s): AP-2 transcription factor Activating enhancer-binding protein 2-alpha
Activator protein 2.
Short name= AP-2

UniProt: [P58197](#)

Pathways: [Caspase Cascade in Apoptosis](#), [EGFR Signaling Pathway](#), [Response to Water Deprivation](#), [Sensory Perception of Sound](#), [Tube Formation](#), [Embryonic Body Morphogenesis](#), [Brown Fat Cell Differentiation](#), [Lipid Metabolism](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.