

Datasheet for ABIN7548672
JDP2 Protein (AA 1-163) (His tag)



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Overview

Quantity:	1 mg
Target:	JDP2
Protein Characteristics:	AA 1-163
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This JDP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat JDP2 Protein expressed in mammalien cells.
Sequence:	MMPGQIPDPS VTTGSLPGLG PLTGLPSSAL TVEELKYADI RNLGAMIAPL HFLEVKLGKR PQPVKSELDE EEERRKRRRE KNKVAAARCR NKKKERTEFL QRESERLELM NAELKTQIEE LKQERQQLIL MLNRHRPTCI VRTDSVKTP E SEGNPLLEQL EKK 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: • 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.

Product Details

- 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: JDP2

Alternative Name: JDP2 ([JDP2 Products](#))

Background: Jun dimerization protein 2,FUNCTION: Component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. Involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogeneris. Can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. May control transcription via direct regulation of the modification of histones and the assembly of chromatin. {ECO:0000269|PubMed:12707301, ECO:0000269|PubMed:12903123, ECO:0000269|PubMed:16026868, ECO:0000269|PubMed:16518400}.

Molecular Weight: 18.7 kDa

UniProt: [Q8WYK2](#)

Pathways: [Chromatin Binding](#)

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.

Application Details

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