

AR50892PU-S

Human JDP2 (1-163, His-tag) - Purified

Alternate names:

Jun dimerization protein 2

Quantity:

10 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

Jun dimerization protein 2, also known as JDP2, is a component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. This protein is involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumorigenesis. JDP2 can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. It may control transcription via direct regulation of the modification of histones and the assembly of chromatin.

Uniprot ID:

[Q8WYK2](#)

NCBI:

[NP_569736](#)

GeneID:

[122953](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 1mM DTT, 1mM EDTA, 250mM imidazole

Description:

Recombinant human JDP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMMPGQI PDPSVTGSL PGLGPLTGLP SSALTVEELK
YADIRNLGAM IAPLHFLEVK LGKRPQPVKS ELDEEEERRK RRREKNKVAA ARCRNKKKER
TEFLQRESER LELMNAELKT QIEELKQERQ QLILMLNRHR PTCIVRTDSV KTPESGNPL
LEQLEKK

Molecular weight: 21.2 kDa (187aa) confirmed by MALDI-TOF

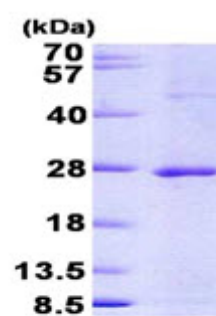
Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Kawaida R., et al. (2003) J. Exp. Med. 197:1029-1035 Jin C., et al. (2006) Nat. Struct. Mol. Biol. 13:331-338

Pictures:



15% SDS-PAGE (3ug)