

Product information



JDP2, 1-163aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2068

Full name: Jun dimerization protein 2

NCBI Accession No.: NP_569736

Synonyms: JUNDM2

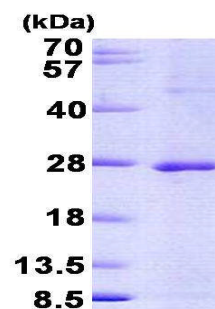
Description: Jun dimerization protein 2, also known as JDP2, is a component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. This protein is involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell 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. Recombinant human JDP2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

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

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

Purity: > 90% by SDS - PAGE

Concentration: 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSMMMPGQI PDPSVTTGSL PGLGPLTGLP SSALTVEELK YADIRNLGAM IAPLHFLEVK LGKRPQPVKS
ELDEEEERRK RRREKNKVAA ARCRNKKKER TEFLQRESER LELMNAELKT QIEELKQERQ QLILMLNRHR PTCIVRTDSV KTPESEGNPL
LEQLEKK

General references:

Kawaida R., *et al.* (2003) *J. Exp. Med.* 197:1029-1035

Jin C., *et al.* (2006) *Nat. Struct. Mol. Biol.* 13:331-338

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA

Phone: (888) 523-1246 Fax.: (763) 780-2988

Email: info@ibl-america.com Web: www.ibl-america.com