

## 32-4034: Recombinant Human Jun Dimerization Protein 2

**Alternative Name :** Jun dimerization protein 2,JDP2,JUNDM2,Progesterone Receptor Co-Activator.

### Description

Source : Escherichia Coli. JDP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 187 amino acids (1-163 a.a) and having a molecular mass of 21.2kDa.JDP2 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Jun dimerization protein 2 (JDP2) is a component of the AP-1 transcription factor which inhibits transactivation mediated by the Jun family of proteins. JDP2 is involved in various transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogenesis. In addition, JDP2 can act as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. JDP2 controls transcription via direct regulation of the modification of histones and the assembly of chromatin.

### Product Info

<b>Amount :</b>	5 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	JDP2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol, 1mM DTT, 1mM EDTA and 250mM imidazole.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSHMMPGQI PDPSVTTGSL PGLGPLTGLP SSALTVEELK YADIRNLGAM IAPLHFLEVK LGKRPQPVKS ELDEEEERRK RRREKNKVAA ARCRNKKKER TEFLQRESER LELMNAELKT QIEELKQERQ QLILMLNRHR PTCIVRTDSV KTPSEGNPL LEQLEKK.