

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 antitumogeneris. 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

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| Amount : | 5 µg |
| Purification : | Greater than 90.0% as determined by SDS-PAGE. |
| Content : | 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. |
| Storage condition : | 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. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSHMMPGQI PDPSVTTGSL PGLGPLTGLP SSALTVEELK YADIRNLGAM IAPLHFLEVK LGKRPQPVKS ELDEEEERRK RRREKNKVAA ARCRNKKKER TEFLQRESER LELMNAELKT QIEELKQERQ QLILMLNRHR PTCIVRTDSV KTPSEGNPL LEQLEKK. |

