9051 Mira Mesa Blvd, #910094
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JDP2 Human

Jun Dimerization Protein 2 Human Recombinant
RCP1144

Product Overview

Name	JDP2 Human
Description	
Jun Dimerization Protein 2 Human Recombinant	
Accession (Primary)	Q8WYK2
Synonyms	
Jun dimerization protein 2, JDP2, JUNDM2, Progesterone Receptor Co-Activator.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
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.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MMPGQI PDPSVTTGSL PGLGPLTGLP SSALTVEELK YADIRNLGAM IAPLHFLEVK LGKRPQPVKS ELDEEEERRK RRREKNKVAA ARCRNKKKER TEFLQRESER LELMNAELKT QIEELKQERQ QLILMLNRHR PTCIVRTDSV KTPESEGNPL LEQLEKK.	

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Precautions

JDP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8WYK2)