

AR09900PU-N

Human AP-1 / c-Jun (1-241, His-tag) - Purified

Alternate names:

Activator protein 1, Proto-oncogene c-jun, Transcription factor AP1, V-jun avian sarcoma virus 17 oncogene homolog, p39

Quantity:

50 µg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

The human protooncogene c-Jun is the putative transforming gene of avian sarcoma virus 17, and it encodes a protein which is highly homologous to the viral protein. c-Jun and c-Fos form a complex in the nucleus. AP1 is a collective term referring to these dimeric transcription factors composed of Jun, Fos or ATF subunits that bind to a common DNA site, the AP1 binding site. AP1 proteins, mostly the Jun group, regulate the expression and function of cell cycle regulators such as Cyclin D1, p53, p21, p19 and p16. Fos and Jun proto oncogene expression is induced transiently by a variety of extracellular stimuli associated with mitogenesis, differentiation processes or depolarization of neurons.

Uniprot ID:

[P05412](#)

NCBI:

[NP_002219](#)

GeneID:

[3725](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl

Description:

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

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSM TL
NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERLI IQSSNGHITT TPTPTQFLCP
KNVTDEQEGF AEGFVRALAE LHSQNTLPSV TSAAQPVNGA GMVAPAVASV AGGSGSGGFS
ASLHSEPPVY ANLSNFNPGA LSSGGGAPSY GAAGLAFPAQ PQQQQQPPHH LPQQMPVQHP
RLQALKEEPQ TVPEMPGETP P

Molecular weight: 27.3 kDa (261 aa) confirmed by MALDI-TOF

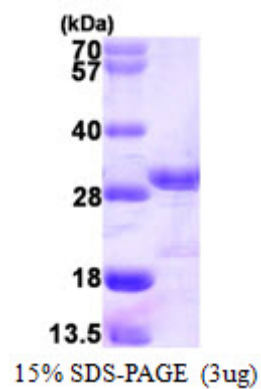
Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:



Recombinant c-Jun, 1-241 aa, His-tagged

