

c-Jun, 1-241aa, Human, His tag, E.coli

Cat.NO.: TP01378

3th Edition

Synonyms:Transcription factor AP-1, AP-1, AP1, c-Jun, jun proto-oncogene

Description: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.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 2mM DTT, 0.1M NaCl.

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMTAKMETTFYDDALNASFLPSESGPYGYSNPKILKQSMTLNLADPVGSLKPHLRA
KNSDLLTSPDVGLLKLASPELERLIQSSNGHITTTPTPTQFLCPKNVTDEQEGFAEGFVRALAEHLSQNTLPSVTS
AQPVNGAGMVAPAVASVAGGSGSGGFSASLHSEPPVYANLSNFNPGALSSGGGAPSYGAAGLAFPAQPQQQQQ
PPHHLPPQMPVQHPRQLALKEEPQTVPEMPGETPP

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.