

32-2975: C-JUN (241 a.a.) Recombinant Protein

Alternative Name : Transcription factor AP-1, Activator protein 1, AP1, Proto-oncogene c-jun, V-jun avian sarcoma virus 17 oncogene homolog, p39, c-Jun.

Description

Source : Escherichia Coli. C-JUN Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 261 amino acids (1-241 a.a.) and having a molecular mass of 27.3kDa. The C-JUN is purified by proprietary chromatographic techniques. C-JUN is a gene which, in combination with c-Fos, forms the AP-1 early response transcription factor. C-JUN is activated by the JNK pathway. C-JUN is the putative transforming gene of avian sarcoma virus 17. C-JUN is a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. The C-JUN gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

Product Info

Amount : 5 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : The C-JUN solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

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 SGLVPRGSH MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSMTL
NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERLI IQSSNGHITT TPTPTQFLCP
KNVTDEQEGF AEGFVRALAE LHSQNTLPSV TSAAQPVNGA GMVAPAVASV AGGSGSGGFS
ASLHSEPPVY ANLSNFNPGA LSSGGGAPSY GAAGLAFPAQ PQQQQQPPHH LPQQMPVQHP
RLQALKEEPQ TVPEMPGETP P.

