

C-JUN Human (241 a.a.)

Description: 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.

Catalog #:PKPS-008

For research use only.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MTAKMETTFY DDALNASFLP
SESGPYGYNS PKILKQSM TL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERLI
IQSSNGHITT TPTPTQFLCP KNVTD EQEGF AEGFVRALAE LHSQNTLPSV TSAAQPVNGA
GMVAPAVASV AGGSGSGGFS ASLHSEPPVY ANLSNFNPGA LSSGGGAPSY GAAGLAFFAQ
PQQQQQPPHH LP

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

Formulation:

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

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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