
Product Data Sheet

Product Name: C-JUN Human (241 a.a.)

Cat. No.: GP22457

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; c-Jun.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSM TL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERLI IQSSNGHITT TPTPTQFLCP KNVTDQEGF AEGFVRALAE LHSQNTLPSV TSAAQPVNGA GMVAPAVASV AGGSGSGGFS ASLHSEPPVY ANLSNFNPGA LSSGGGAPSY GAAGLAFPAQ PQQQQQPPHH LPQQMPVQHP RLQALKEEPQ TVPEMPGETP P.		
Formulation	The C-JUN solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.		

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.

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.

Background

Caution: Product has not been fully validated for medical applications. For research use only.

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C-JUN Human Recombinant fused with a20 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.

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