

Recombinant Human JUN

Cat. No. JUN-27752TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: MTAKMETTFY DDALNASFLP SESGPYGYNS PKILKQSMTL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERL, corresponding to N terminal amino acids 1-79 of Human c-Jun with N-terminal proprietary tag.
Species	Human
Source	E.coli
ProteinLength	1-79 a.a.
Description	This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.
Form	Liquid
Storage buffer	Preservative: NoneConstituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MTAKMETTFYDDALNASFLPSESGPYGYSNPKILKQSMTLNLADPVGSLKPHLRANK SDLLTSPDVGLLKLASPELERL
Sequence Similarities	Belongs to the bZIP family. Jun subfamily. Contains 1 bZIP domain.
GENE INFORMATION	
Gene Name	JUN jun proto-oncogene [Homo sapiens]
Official Symbol	JUN
Synonyms	JUN; jun proto-oncogene; jun oncogene , v jun avian sarcoma virus 17 oncogene homolog , v jun sarcoma virus 17 oncogene homolog (avian); transcription factor AP-1; AP 1; c Jun;
Gene ID	3725
mRNA Refseq	NM_002228
Protein Refseq	NP_002219
MIM	165160
Uniprot ID	P05412
Chromosome Location	1p32-p31
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of the AP-1 family of transcription factors, organism-specific biosystem; Androgen Receptor Signaling Pathway,

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organism-specific biosystem; Apoptosis, organism-specific biosystem;

Function

DNA binding; R-SMAD binding; Rho GTPase activator activity; double-stranded DNA binding; protein binding;

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