

## Recombinant Human JUN

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment: MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSMTL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK LASPELERL, corresponding to N terminal amino acids 1-79 of Human c-Jun with N-terminal proprietary tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-79 a.a.
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Storage buffer</b>	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM PMSF, pH 7.5
<b>Storage</b>	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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