

Recombinant Human JUN, His-tagged

Cat. No. JUN-8483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JUN was expressed as 6*his-tagged fusion protein by E.Coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-331
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.
AA Sequence	1-331aa
Storage	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be avoided.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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Gene Name	JUN jun proto-oncogene [Homo sapiens (human)]
Official Symbol	JUN
Synonyms	JUN; AP1; AP-1; c-Jun; jun proto-oncogene; transcription factor AP-1; p39; jun oncogene; activator protein 1; proto-oncogene c-Jun; enhancer-binding protein AP1; Jun activation domain binding protein; v-jun sarcoma virus 17 oncogene homolog; v-jun avian sarcoma virus 17 oncogene homolog
Gene ID	3725
mRNA Refseq	NM_002228
Protein Refseq	NP_002219
MIM	165160
UniProt ID	P05412
Chromosome Location	1p32-p31
Pathway	AGE/RAGE pathway; Activated TLR4 signalling; B Cell Receptor Signaling Pathway
Function	DNA binding; HMG box domain binding; RNA polymerase II activating transcription factor binding