

Jun Proto-Oncogene Active Protein | C-JUN active protein

Recombinant Human Jun Proto-Oncogene

CATALOG # AAA38414	HOST E Coli
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PRODUCT SYNONYMS

Jun Proto-Oncogene; Recombinant Human Jun Proto-Oncogene; C-JUN Human; Jun Proto-Oncogene Human Recombinant; Transcription factor AP-1; Activator protein 1; AP1; Proto-oncogene c-jun; V-jun avian sarcoma virus 17 oncogene homolog; p39; c-Jun; C-JUN active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	C-JUN is supplied as lyophilized powder containing no additives.
Sequence Length	331
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Solubility	It is recommended to centrifuge the vial prior to opening in order to bring the contents to the bottom. The reconstitution of the lyophilized c-Jun is recommended in 40mM Tris, pH 7.5, to a concentration of 0.2-1.0 mg/ml.
Biological Activity	C-Jun is phosphorylatable in vitro, using either recombinant active JNK1 or JNK2, or with JNK immunoprecipitated from stimulated cells. This phosphorylation can be monitored by Western blot analysis using an antibody directed to c-Jun [pS73], in conjunction with chemiluminescence detection methods. Optimization of the cell stimulation protocol, cell lysis procedure, and reaction conditions may be required for each specific application. Please note: Kinase activity may vary depending on the substrate and reaction conditions.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 1-2 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for C-JUN active protein	C-JUN amino acids 1-81 produced in E Coli, is a non-glycosylated, polypeptide chain having a molecular mass of 52 kDa. C-JUN is a maltose binding protein (MBP) fusion protein with an amino-terminal polyhistidine tag and purified by proprietary chromatographic techniques.
Product Categories/Family for C-JUN active protein	Protein Kinases ; Enzymes ; Jun Proto-Oncogene

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758616
NCBI GeneID	3725
NCBI Accession #	NP_002219.1
NCBI GenBank Nucleotide #	NM_002228.3
UniProt Accession #	P05412 ; Q6FHM7 ; Q96G93
NCBI Official Full Name	transcription factor AP-1

NCBI Official Synonym Full Names	jun proto-oncogene
NCBI Official Symbol	JUN
NCBI Official Synonym Symbols	AP1; AP-1; c-Jun
NCBI Protein Information	transcription factor AP-1; Jun activation domain binding protein; activator protein 1; enhancer-binding protein AP1; jun oncogene; p39; proto-oncogene c-Jun; v-jun avian sarcoma virus 17 oncogene homolog; v-jun sarcoma virus 17 oncogene homolog
UniProt Protein Name	Transcription factor AP-1
UniProt Gene Name	JUN
UniProt Synonym Gene Names	AP1
UniProt Entry Name	JUN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-c-jun-active-protein/jun-proto-oncogene/38414>