

Jun Proto-Oncogene Human Recombinant

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| Item Number | rAP-1234 |
| Synonyms | Transcription factor AP-1, Activator protein 1, AP1, Proto-oncogene c-jun, V-jun avian sarcoma virus 17 oncogene homolog, p39, c-Jun. |
| Description | 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. |
| Uniprot Accession Number | P05412 |
| Amino Acid Sequence | |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered White lyophilized (freeze-dried) powder. Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | C-JUN is supplied as lyophilized powder containing no additives. Greater than 95% as determined by SDS-PAGE. |
| Application | |
| 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 |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**