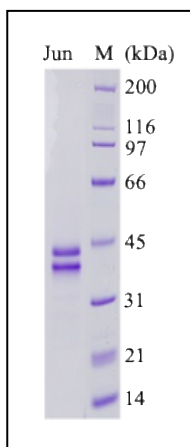


Recombinant c-Jun Protein

Catalog Number	Size
AG1114-10	10ug
AG1114-25	25ug
AG1114-B	Bulk

Description



The human c-Jun protein was expressed in the baculovirus system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 348 (15+331) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 40kDa.

MHHHHHHGRRASVLEMTAKMETTFYDDALNASFLPSESGPYGYSNPKILK
 QSMTLNLADPVGSLKPHLRKNSDLLTSPDVGLLKLASPELERLI IQSSN
 GHITTTPTPTQFLCPKNVTDEQEGFAEGFVRALAEHSQNTLPSVTSAAQ
 PVNGAGMVAPAVASVAGGSGSGGFSASLHSEPPVYANLSNFPALSSGG
 GAPSYGAAGLAFPAQPQQQQPPHLPQQMPVQHPRQLALKEEPQTVPEM
 PGETPPLSPIDMESQERIKAEKRMRNR IAASKCRKRKLERIARLEEKVK
 TLKAQNSELASTANMLREQVAQLKQKVMNHVNSGCQLMLTQQQLQTF-

Accession Number

NM_002228

Molecular Mass

Approximately 40kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The c-Fos protein is main component of the transcription factor AP-1 and activates transcription by interacting with the RNA polymerase II-initiation complex. The recombinant c-Jun protein can be used for the studies of transcription assays, protein-protein interactions, and other related function assays.

Formulation

20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. **(Avoid repeated freeze-thaw cycle)**

FOR RESEARCH USE ONLY!!!