AscentGene, Inc.
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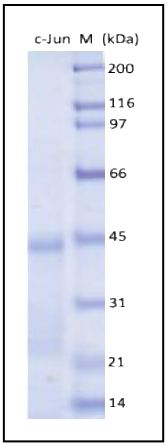
Recombinant c-Jun (Sf9)

Catalog Number	Size
AG314-10	10ug
AG314-25	25ug
AG314-B	Bulk

Description

The recombinant transcription factor Jun (c-Jun/AP1) was expressed in the baculovirus system (Sf9) and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 346 amino acids with a 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 40kDa.



MHHHHHHGRRASVLEMTAKMETTFYDDALNASFLPSESGPYG
YSNPKILKQSMTLNLADPVGSLKPHLRAKNSDLLTSPDVGLL
KLASPELERLIIQSSNGHITTTPTPTQFLCPKNVTDEQEGFA
EGFVRALAELHSQNTLPSVTSAAQPVNGAGMVAPAVASVAGG
SGSGGFSASLHSEPPVYANLSNFNPGALSSGGGAPSYGAAGL
AFPAQPQQQQQPPHHLPQQMPVQHPRLQALKEEPQTVPEMPG
ETPPLSPIDMESQERIKAERKRMRNRIAASKCRKRKLERIAR
LEEKVKTLKAQNSELASTANMLREQVAQLKQKVMNHVNSGCQ
LMLTQQLQTF-

Source

Sf9

Molecular Mass

Approximately 40kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The transcription factor c-Jun (AP1/AP-1) is highly similar to the viral protein and functions as a transcription factor regulating gene expression by directly interacting with specific target DNA. The recombinant c-Jun protein is suitable for the studies of transcription assays, protein-protein interaction 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 2-8ºC for one month or at -20ºC to -70ºC for three months without detectable loss of activity. ***(Avoid repeated freeze-thaw cycle)***

FOR RESEARCH USE ONLY!!!