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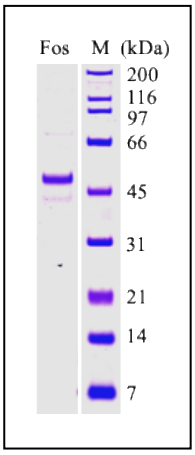
Recombinant c-Fos Protein

Catalog Number	Size
AG1113-10	10ug
AG1113-25	25ug
AG1113-B	Bulk

Description



The human c-Fos 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 393 (13+380) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 50kDa.

MHHHHHHGRRASVMMFSGFNADYEASSSRCSSASPAGDSLSYYHSPADSF
SSMGSPVNAQDFCTDLAVSSANFIPTVTAISTSPDLQWLVQPALVSSVAP
SQTRAPHPFGVPAPSAGAYSRAGVVKTMTGGRAQSIGRRGKVEQLSPEEE
EKRRIRRERNKMAAAKCRNRRRELTDTLQAETDQLEDEKSALQTEIANLL
KEKEKLEFILAAHRPACKIPDDLGFPEEMSVASLDLTGGLPEVATPESEE
AFTLPLLNDPEPKPSVEPVKSISSMELKTEPFDDFLFPASSRPSGSETAR
SVPDMDLSGSFYAADWEPLHSGSLGMGPMATELEPLCTPVVTCTPSCTAY
TSSFVFTYPEADSFPSCAAAHRKGSSSNEPSSDSLSSPTLLAL-

Accession Number NM_005252

Molecular Mass Approximately 50kDa.

Purity ≥90%, as determined by SDS-PAGE.

Biological Activity The c-Fos protein can dimerize with the Jun protein family to form the transcription factor complex AP-1 and regulates cell proliferation, differentiation and transformation. The recombinant c-Fos 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!!!