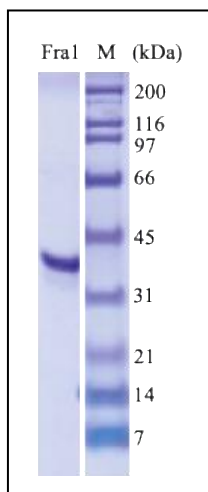


Recombinant Fra-1 Protein

Catalog Number	Size
AG1120-10	10ug
AG1120-25	25ug
AG1120-B	Bulk

Description



The fos-related antigen 1 (Fra-1 or FosL 1) 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 286 (15+271) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 38kDa.

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MHHHHHHGRRASVLEMFRRDFGEPGPSSGNGGGYGGPAQPPAAAQAAQQKF
HLVPSINTMSGSQELQWMVQPHFLGPSSYPRPLTYPQYSPPQPRPGVIRA
LGPPPGVRRRPCEQISPEEEEEERRRVRREERNKLAAAKCRNRRKELTDFLQA
ETDKLEDEKSGLQREIEELQKQKERLELVLEAHRPICKIPEGAKEGDTGS
TSGTSSPPAPCRVPCISLSPGPVLEPEALHTPTLMTTPSLTPFTPSLVF
TYPSTPEPCASAHKSSSSSGDPSSDPLGSPTLLAL-
```

Accession Number

NM_00543a-

Molecular Mass

Approximately 38kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The Fra-1 or FosL 1 protein is a member of the Fos onco-protein family and a subunit of AP-1 transcription factor involved in cell proliferation, differentiation, and transformation. The recombinant Fra-1 protein can be used for the studies of transcription assays, protein-DNA/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!!!