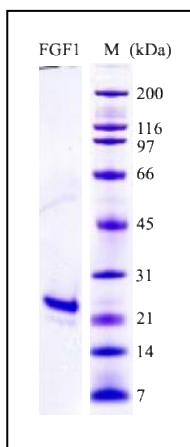


Recombinant FGF1 Protein

Catalog Number	Size
AG1117-10	10ug
AG1117-25	25ug
AG1117-B	Bulk

Description



The human acidic fibroblast growth factor 1 (FGF1) 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 169 (14+155) amino acids with an 6His tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 23kDa.

MHHHHHHGRRASVHMAEGEITTF TALTEKFNLPPGNYKKPKL
LYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESVGEVY
IKSTETGQYLAMDTDGLLYGSQTPNEECLFLERLEENHYNTY
ISKKHA EKNWFVGLKKN GSC KRGPRTHYGQKAILFLPLPVSS
D-

Accession Number

NM_000800

Molecular Mass

Approximately 23kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The FGF1 is a member of the FGF protein family involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The recombinant FGF1 protein can be used for the studies of FGF1 function, 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!!!