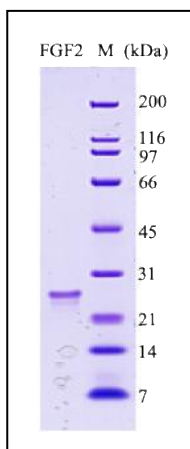


Recombinant FGF2 Protein

Catalog Number	Size
AG1118-10	10ug
AG1118-25	25ug
AG1118-B	Bulk

Description



The cow fibroblast growth factor 2 (FGF2) 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 26kDa.

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MHHHHHHGRRASVHMAAGSITTLPALPEDGGSGAFPPGHFKDPKRLYCKN
GGFFLRIHPDGRVDGVREKSDPHIKLQLQAEERGVSIGVCANRYLAMK
EDGRLLASKCVTDECFFFERLESNNYNTYRSRKYSSWYVALKRTGQYKLG
PKTGPGQKAILFLPMSAKS-
```

Accession Number

NM_174056

Molecular Mass

Approximately 26kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

FGF2 is a basic member of the FGF protein family and plays a role in a variety of biological processes, such as limb and nervous system development, wound healing, and tumor growth. The recombinant FGF2 protein can be used for the studies of FGF2 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!!!