

RP01860

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Recombinant Mouse FGF-6 Protein

Catalog No.: RP01860

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	14177	P21658

Tags

No-Tag

Synonyms

Fgf6; Fgf-6; Hstf2; Fibroblast growth factor 6; FGF-6; Heparin secretory-transforming protein 2; HST-2; HSTF-2; Heparin-binding growth factor 6; HBGF-6.

Product Information

Source	Purification
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<I>E.coli</I>

Endotoxin

<1EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 20 mM PB, 800 mM NaCl, pH7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

FGF-6 is a member of the large and diverse fibroblast growth factor (FGF) family of peptide growth factors. FGF-6 binds to receptor FGFR4 and functions as a signaling molecule that is involved in many important processes. The mouse homolog of this gene exhibits predominantly in the myogenic lineage which suggests a role in muscle regeneration or differentiation. FGF-6 was able to transform NIH/3T3 cells and the resulting transformant formed a well-vascularized tumor in nude mice, thus suggesting an angiogenic property similar to some other members of the FGF family.

Basic Information

Description

Recombinant Mouse FGF-6 Protein is produced by <I>E.coli</I> expression system. The target protein is expressed with sequence (Ser38-Ile208) of Mouse FGF-6 (Accession #NP_034334.1) fused with No-Tag.

Bio-Activity

Storage

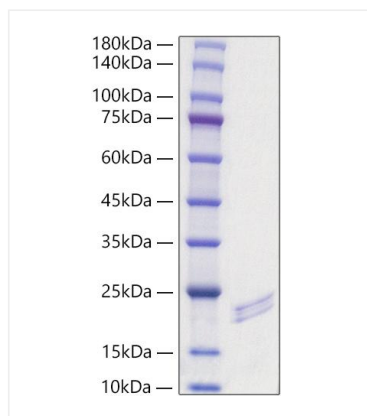
Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse FGF-6 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20-25 kDa.