

Active Recombinant Mouse Fgf10 protein

Cat. No. Fgf10-561M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fgf10 protein(Gln37-Thr209) was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	37-209 aa
Form	Lyophilized from a 0.22 µm filtered solution of 20mMPB,800mMNaCl,pH7.4
Bio-activity	Measured in a cell proliferation assay using 4MBr-5 rhesus monkey epithelial cells. The ED50 for this effect is 3.66-14.64 ng/mL, corresponding to a specific activity of $56.83 \times 10^4 \sim 2.73 \times 10^5$ units/mg.
Molecular Mass	19.54 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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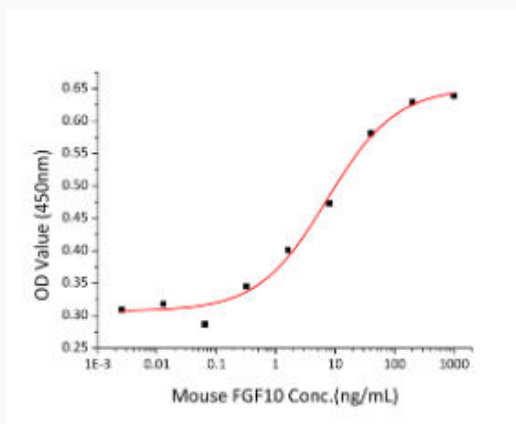
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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Fgf10 fibroblast growth factor 10 [Mus musculus]
Official Symbol	Fgf10
Synonyms	FGF10; fibroblast growth factor 10; keratinocyte growth factor 2; Fgf-10; BB213776;
Gene ID	14165
mRNA Refseq	NM_008002
Protein Refseq	NP_032028

Activity

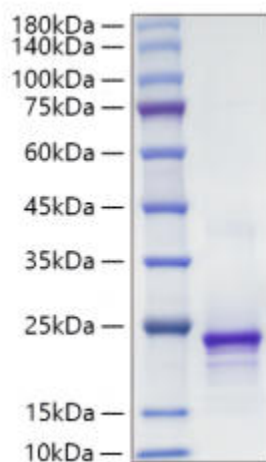


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SDS-PAGE



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