

Bioactive

Fgf8 (Mouse) Recombinant Protein

Catalog # P8604

Size 25 ug

Specification

Product Description	Mouse Fgf8 recombinant protein (194 amino acid) expressed in <i>Escherichia coli</i> .
Sequence	MQVTVQSSPNFTQHVREQSLVTDQLSRRLIRTYQLYSRTSGKHVQVLANKRINAMAEDGDPFAKLI VETDTFGSRVRVRGAETGLYICMNKKGKLIKSNKGKDCVFTEIMLENNYTALQNAKYEGWYMA FTRKGRPRKGSKTRQHQREVHFMKRLPRGHHTTEQSLRFEFLNYPPTFTRSLRGSQRTWAPEPR
Host	Escherichia coli
Theoretical MW (kDa)	22.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% as determined by SDS-PAGE.
Activity	ED ₅₀ < 20 ng/mL, determined by the ability to induce proliferation of mouse 3T3 cells, corresponding to a Specific Activity of 5 x 10 ⁴ Units/mg.
Storage Buffer	Protein(1 mg/mL) was lyophilized from a solution containing 5mM Na ₃ PO ₄ , pH 7.5, 50 mM NaCl. Re constitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Fgf8

Entrez GeneID	14179
Protein Accession#	Q80ZL6
Gene Name	Fgf8
Gene Alias	Aigf, Fgf-8, MGC59627
Gene Description	fibroblast growth factor 8
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000024240