

Recombinant Mouse FGF-21

Cat.No.:MGC181 size:5µg/50µg/500µg

Characteristics:

Source	<i>E.coli</i>
Species	Mouse
Tag	Tag free
Description	Mouse FGF-21 (Ala29-Ser210)
Accession#	Q9JJN1
Predicted molecular mass	~19.9 kDa. It is composed of one non-glycosylated polypeptide chain containing 182 amino acids.

Specification:

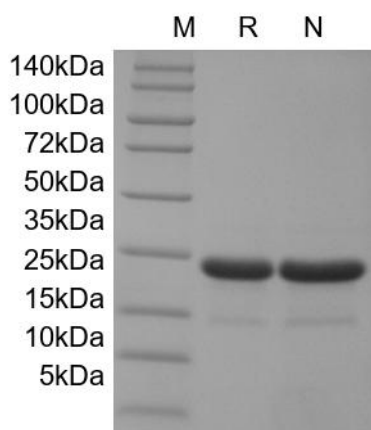
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.01 EU/µg
Activity	The ED50 as determined by thymidine uptake assay using FGF-receptors transfected BaF3 cells is less than 0.5 µg/ml, corresponding to a specific activity of ≥ 2.0×10 ³ IU/mg in the presence of 5 µg/ml of rMuβ-Klotho and 10 µg/ml of heparin.
Formulation	0.2 µm-filtered solution containing 20 mM PB, with 500 mM NaCl, pH 7.4.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20℃ to -80℃ in lyophilized state 6 months at -20℃ to -80℃ under sterile conditions after reconstitution 7-10 days at 2℃ to 8℃ under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

SDS-PAGE



Recombinant Mouse FGF-21 (Cat. No. MGC181)SDS-PAGE under reducing (R) & Non-reducing conditions.

S260701