Bioactive

Fgf21 (Mouse) Recombinant Protein

Catalog # P7489 Size 10 ug

Specification

Product Description	Mouse Fgf21 (Q9JJN1, 29 a.a. - 210 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	AYPIPDSSPLLQFGGQVRQRYLYTDDDQDTEAHLEIREDGTVVGAAHRSPESLLELKALKPGVIQIL GVKASRFLCQQPDGALYGSPHFDPEACSFRELLLEDGYNVYQSEAHGLPLRLPQKDSPNQDAT SWGPVRFLPMPGLLHEPQDQAGFLPPEPPDVGSSDPLSMVEPLQGRSPSYAS
Host	Escherichia coli
Theoretical MW (kDa)	~ 19.9
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 97% as analyzed by SDS-PAGE. > 97% as analyzed by HPLC.
Endotoxin Level	< 0.3 EU/ ug of protein (gel clotting method)
Activity	ED_{50} < 0.5 ug/mL, measured by a cell proliferation assay using NIH-3T3 cells in the presence of 1.25 ug/ml mouse Klotho and 10.0 ug/ml heparin, corresponding to a specific activity of > 2.0×10^3 units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O or PBS up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -81°C. Aliquot to avoid repeated freezing and thawing.

Applications

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- Functional Study
- SDS-PAGE

Gene Info — Fgf21

Entrez GeneID	56636
Protein Accession#	Q9JJN1
Gene Name	Fgf21
Gene Alias	-
Gene Description	fibroblast growth factor 21
Gene Ontology	Hyperlink
Other Designations	-

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