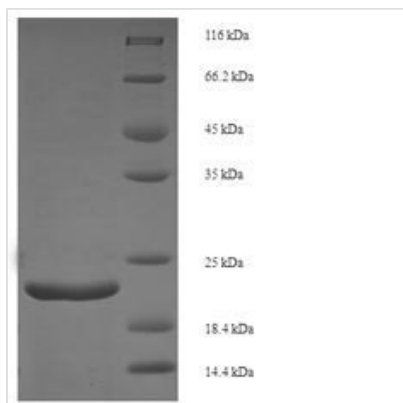




Recombinant Mouse Fibroblast growth factor 21 (Fgf21)

Product Code	CSB-EP008627MO
Relevance	Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity probably requires the presence of KLB.
Abbreviation	Recombinant Mouse Fgf21 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JJN1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AYPIPDSSPLLQFGGQVRQRYLYTDDDQDTEAHLEIREDGTVVGAHRSPESL LELKALPGVIQILGVKASRFLCQQPDGALYGSPHFDPEACSFRELLLEDGYNV YQSEAHGLPLRLPQKDSPNQDATSWGPVRFPLPMPGLLHEPQDQAGFLPPEP PDVGSSDPLSMVEPLQGRSPSYAS
Research Area	Others
Source	E.coli
Target Names	Fgf21
Protein Names	Recommended name: Fibroblast growth factor 21 Short name= FGF-21
Expression Region	29-210aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	23.9kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.