

Recombinant Mouse Fibroblast growth factor 21(Fgf21)

Catalog No: #AP70305

Package Size: #AP70305-1 20ug #AP70305-2 100ug #AP70305-3 1mg

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Description

Product Name	Recombinant Mouse Fibroblast growth factor 21(Fgf21)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:29-210aaSequence Info:Full Length
Accession No.	Q9JJN1
Calculated MW	23.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AYPIPDSSPLLQFGGQVRQRYLYTDDDQDTEAHLEIREDGTVVGAHRSPESLLELKALKPGVLIQILGVKASRF LCQQPDGALYGSPHFDPEACSFRELLLEDGYNVYQSEAHGLPLRLPQKDSPNQDATSWGVPVRFPLMPGLLH EPQDQAGFLPPEPPDVGSSDPLSMVEPLQGRSPSYAS
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Identification of a novel FGF, FGF-21, preferentially expressed in the liver.Nishimura T., Nakatake Y., Konishi M., Itoh N.Biochim. Biophys. Acta 1492:203-206(2000)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.