

Recombinant human Fibroblast growth factor 21 protein

Catalog No: #AP71931

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Package Size: #AP71931-1 20ug #AP71931-2 100ug #AP71931-3 1mg

Description

Product Name	Recombinant human Fibroblast growth factor 21 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:29-209Sequence Info:Full Length
Accession No.	Q9NSA1
Uniprot	Q9NSA1
GeneID	26291;
Calculated MW	23.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>HIIPDSSPLLQFGGQVRQRYLYTDDAQQTEAHLEIREDGTVGGAADQSPESLLQLKALKPGVIQILGVKTSRFL</p> <p>CQRPDGALYGSLHFDPEACSFRELLLEDGYNVYQSEAHGLPLHLPGNKSPHRDPAPRGPAPRFLPLPGLPPAL</p> <p>PEPPGILAPQPPDVGSSDPLSMVGPSQGRSPSYAS</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

Background

Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1, GLUT1 expression (but not SLC2A4, GLUT4 expression). Activity 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:Signal Transduction

Note: This product is for in vitro research use only