

Recombinant human Fibroblast growth factor 19 protein

Catalog No: #AP71930

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Package Size: #AP71930-1 20ug #AP71930-2 100ug #AP71930-3 1mg

Description

Product Name	Recombinant human Fibroblast growth factor 19 protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:32-216aaSequence Info:Partial
Accession No.	O95750
Uniprot	O95750
GeneID	9965;
Calculated MW	47.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	PHVHYGWGDPRLRHLTYSGPHGLSSCFRLRIRADGVVDCARGQSAHSLLEIKAVLRRTVAIKGVHVSRYLCMG ADGKMQGLLQYSEEDCAFEIEIRPDGYNVYRSEKHRLPVSLSAKQRQLYKNRGLPLSHFLPMLPMVPEEP EDLRGHLESDMFSSPLETDSMDPFGLVTGLEAVRSPSFEK
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

Involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1,2 cascades. Stimulates glucose uptake in adipocytes. Activity requires the presence of KLB and FGFR4.

References

Structure and expression of a novel human FGF, FGF-19, expressed in the fetal brain.Nishimura T., Utsunomiya Y., Hoshikawa M., Ohuchi H., Itoh N.Biochim. Biophys. Acta 1444:148-151(1999)Research Topic:Signal Transduction

Note: This product is for in vitro research use only