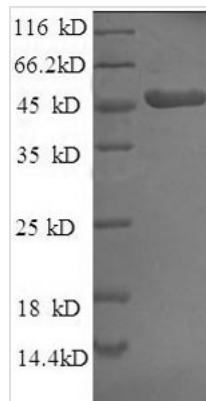




Recombinant Human Fibroblast growth factor 19 protein (FGF-19) , partial

Product Code	CSB-RP063944h
Relevance	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.
Abbreviation	Recombinant Human FGF-19 protein, partial
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.	O95750
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	PHVHYGWGDPIRLRHLTYTSGPHGLSSCFLRIRADGVVDCARGQSAHSLLEIKA VALRTVAIKGVHVSRYLCMGADGKMQGLLQYSEEDCAFEIIIIRPDGYNVYRS EKHRLPVSLSSAKQRQLYKNRGFLPLSHFLPMLPMVPEEPEDLRGHLESDF SSPLETDSMDPFGLVTGLEAVRSPSFEK
Research Area	Signal Transduction
Source	E.coli
Target Names	FGF19
Expression Region	32-216aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	47.8kDa
Protein Length	Partial
Image	



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

Description

Empower your research in signal transduction with our Recombinant Human FGF19 protein, a critical player in regulating cellular proliferation, differentiation, and metabolism. Fibroblast growth factor 19 is known to exert its functions through interactions with FGFR and heparan sulfate proteoglycans, modulating a wide range of biological activities and pathways.

This Recombinant Human FGF19 protein is produced in an E.coli expression system and features a partial protein sequence (32-216aa). It is equipped with an N-terminal GST-tag to facilitate purification and tracking during experimentation. Our protein exhibits a purity of greater than 90% as determined by SDS-PAGE, ensuring a high-quality product for your research needs. Choose between liquid or lyophilized powder formats to best accommodate your laboratory workflow and experimental requirements.

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°C/-80°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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.