Ver. CN20230419

Recombinant Human FGF-19 Protein, Flag Tag

产品信息

产品名称	产品编号	规格
Recombinant Human FGF-19 Protein, Flag Tag	91311ES10	10 μg
	91311ES50	50 μg
	91311ES76	500 μg

产品简介

FGF-19 is a member of the fibroblast growth factor (FGF) family. After being secreted from the intestine, FGF19 can enter the liver with the circulation and bind to FGFR4 in the liver to act. It has a hormone-like effect and plays an important role in metabolic regulation, such as regulating bile acid metabolism, regulating gallbladder filling, and improving blood glucose. Notably, aberrant expression of FGF19/FGFR4 promotes HCC development and metastasis.

性能参数

Synonyms	FGF19;Fibroblast growth factor 19
Uniprot No.	O95750
Source	Recombinant Human FGF-19 Protein is expressed from HEK293 Cells with Flag tag at the N-terminal. It contains Leu 25-Lys 216.
Molecular Weight	The protein has a predicted MW of 22.41 kDa. And it migrates as 25-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<0.1 EU per 1μg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge tubes before opening. Dissolve lyophilized protein with sterile PBS to ensure the concentration is greater than 100 ug/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2 ~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1.Please operate with lab coats and disposable gloves,for your safety.

2.This product is for research use only.

产品数据

SDS-PAGE

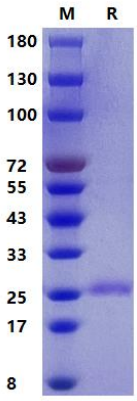

Figure 1. Human FGF-19 on SDS-PAGE under reduced condition. The purity is greater than 95%.

Biological Activity

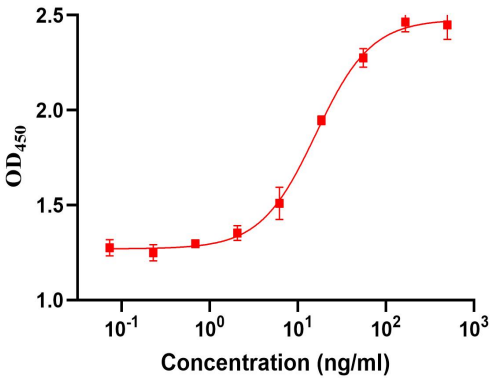

Figure 2. The ED_{50} as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 13.82 to 18.65 ng/mL.