

## 37-1292: Human FGF19 Recombinant Protein(Discontinued)

**Reactivity :** Human  
**Alternative Name :** FGF19 Protein,

### Description

#### Source : E. coli

FGF19, also known as FGF-19, is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF19 interacts with FGFR1, FGFR2, FGFR3 and FGFR4. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by KL, KLB and heparan sulfate glycosaminoglycans that function as coreceptors. It interacts with KL and KLB directly. However, it interacts with FGFR4 in the presence of heparin, KL or KLB. FGF19 is involved in the suppression of bile acid biosynthesis through down-regulation of CYP7A1 expression, following positive regulation of the JNK and ERK1/2 cascades. It also stimulates glucose uptake in adipocytes.

### Product Info

**Amount :** Human FGF19 Recombinant Protein(Discontinued) / 50 µg  
**Purification :** > 97 % as determined by SDS-PAGE  
**Content :** Formulation Lyophilized from sterile 15% gly, 50mM Tris, 2mM EDTA  
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.  
**Storage condition :** Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.  
**Amino Acid :** Phe27-Lys216

### Application Note

Other pack size also available

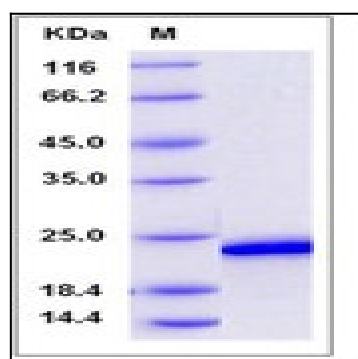


Fig 1: Human FGF19 Recombinant Protein