

Human FGF-21 Protein; hFc Tag

Product Information

Product Name	Human FGF-21 Protein; hFc Tag
Storage temp	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Catalog# / Size	GM-88661RP-100 / 100 μg GM-88661RP-1000 / 1 mg

Protein Information

Alternative Names	FGF21
Source	Human FGF-21 Protein; hFc Tag (GM-88661RP) is expressed from human 293 cells (HEK-293). It contains AA His 29 - Ser 209 (Accession # Q9NSA1). This protein carries a hFc tag at the N-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	46.2 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	FGF21 (Fibroblast Growth Factor 21) is a protein that is mainly expressed in the liver, adipose tissue, and muscle, and belongs to the fibroblast growth factor family. It plays an important role in regulating energy metabolism, glucose metabolism, and fatty acid oxidation, promoting the oxidation of fatty acids and inhibiting fat synthesis, thus helping to maintain energy balance in the body. FGF21 is also believed to have potential therapeutic effects against diabetes, impacting weight control by improving insulin sensitivity and suppressing appetite. In recent years, with in-depth research into its physiological functions and clinical applications, FGF21 has shown great potential in the treatment of metabolic diseases such as diabetes and obesity.

Figures

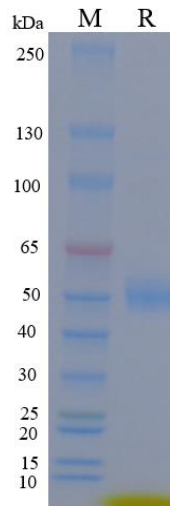


Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

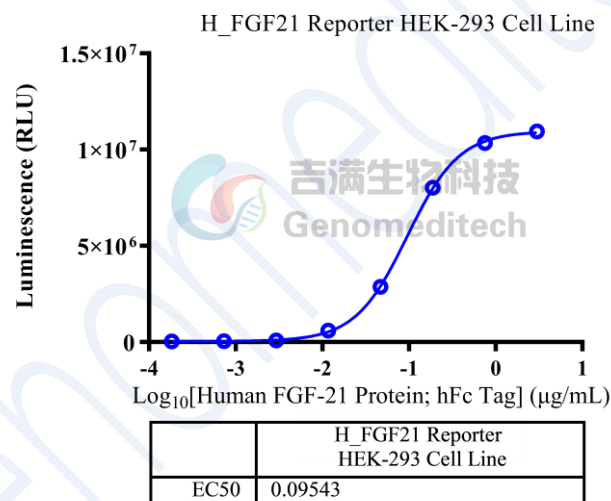


Figure 2 | Human FGF-21 Protein; hFc Tag (Catalog # GM-88661RP) was added into H_FGF21 Reporter HEK-293 Cell Line (Catalog # GM-C19834) and stimulates related signals.

Related Products

GCGR	
H_GCGR Reporter CHO-K1 Cell Line	H_GCGR Reporter HEK-293 Cell Line
H_GCGR Reporter HEK-293 DDX35TM Cell Line	Cynomolgus_GCGR HEK-293 Cell Line
H_GCGR CHO-K1 Cell Line	H_GCGR HEK-293 Cell Line
Mouse_GCGR HEK-293 Cell Line	
Anti-H_GCGR hIgG2 Antibody(volagidemab)	
Human GCGR(26-136) Protein; hFc Tag	Human GCGR(26-136) Protein; His Tag
GLP1R	
H_GLP1R GIPR GCGR Triple Reporter 293 Cell Line	H_GLP1R GIPR Reporter CHO-K1 Cell Line
H_GLP1R Reporter CHO-K1 Cell Line	H_GLP1R Reporter HEK-293 Cell Line
H_GLP1R Reporter HEK-293 DDX35TM Cell Line	H_GLP1R β-Arrestin Reporter CHO-K1 Cell Line
Cynomolgus_GLP1R GIPR CHO-K1 Cell Line	Cynomolgus_GLP1R HEK-293 Cell Line
H_GLP1R CHO-K1 Cell Line	H_GLP1R GIPR CHO-K1 Cell Line
H_GLP1R HEK-293 Cell Line	Mouse_GLP1R GIPR CHO-K1 Cell Line
Mouse_GLP1R HEK-293 Cell Line	Rat_GLP1R HEK-293 Cell Line
Anti-GLP1R hIgG1 Antibody(mAb-36986)	Anti-H_GLP1R hIgG1 Antibody(glutazumab)
FGFR1	
H_FGF21 Reporter HEK-293 Cell Line	Mouse_FGF21 Reporter HEK-293 Cell Line
Human FGF-21 Protein; His Tag	
CALCA(CGRP):CALCRL RAMP	
H_CALCRL RAMP1 Reporter HEK-293 Cell Line	H_CALCRL RAMP1 Reporter HEK-293 DDX35TM Cell Line
Cynomolgus_CALCRL RAMP1 HEK-293 Cell Line	H_CALCRL RAMP1 CHO-K1 Cell Line
H_CALCRL RAMP1 HEK-293 Cell Line	
Anti-CALCRL RAMP1 hIgG2 Antibody(Erenumab)	
GPR75	
H_GPR75 HEK-293 Cell Line	
GIPR	
H_GIPR Reporter CHO-K1 Cell Line	H_GIPR Reporter HEK-293 Cell Line
H_GIPR Reporter HEK-293 DDX35TM Cell Line	H_GIPR β-Arrestin2 Reporter CHO-K1 Cell Line
Cynomolgus_GIPR CHO-K1 Cell Line	Cynomolgus_GIPR HEK-293 Cell Line
H_GIPR CHO-K1 Cell Line	H_GIPR HEK-293 Cell Line
Mouse_GIPR CHO-K1 Cell Line	Mouse_GIPR HEK-293 Cell Line
Anti-H_GIPR hIgG1 Antibody(AMG-133)	
ACVR2A:ACTRIIB:Active A	
ACVR2A KO HEK-293 Cell Line	ACVR2B KO HEK-293 Cell Line
Activin A Reporter Cell Line	BRE Reporter 293 Cell Line
H_ACVR2A Reporter Cell Line	H_ACVR2B Reporter Cell Line
H_ACVR2B Reporter DDX35TM Cell Line	H_ACVR2A HEK-293(ACVR2B KO) Cell Line
H_ACVR2B CHO-K1 Cell Line	H_ACVR2B HEK-293(ACVR2A KO) Cell Line
Anti-ACVR2A hIgG1 Antibody(LAE-102)	Anti-ACVR2B hIgG1 Antibody(Bimagrumab)

Version:5.0

Anti-ACVR2B hIgG1 Antibody(Fab-17G05)	Anti-ACVR2B mIgG2a Antibody(Bimagrumab)
Anti-GDF8 hIgG4 Reference Antibody (Aptibio)	Anti-H ACVR2B hIgG1 Reference Antibody(Bimbio)
Biotinylated Human ACVR2A Protein; His-Avi Tag	Biotinylated Human ACVR2B Protein; His-Avi Tag
Biotinylated Mouse ACVR2A Protein; His-Avi Tag	Biotinylated Mouse ACVR2B Protein; His-Avi Tag
Human Activin A Protein; His Tag	Human Activin A Protein; His Tag (CHO)
Human Activin B Protein; His Tag	Human ACVR2A Protein; hFc Tag
Human ACVR2A Protein; hFc Tag (Sotatercept)	Human ACVR2A Protein; His Tag
Human ACVR2B Protein; hFc Tag	Human ACVR2B Protein; His Tag
Human latent GDF-8 Protein; His Tag	Mouse ACVR2A Protein; His Tag
Mouse ACVR2B Protein; His Tag	
AMY:CALCR RAMP	
H CALCR RAMP1(AMY1) Reporter CHO-K1 Cell Line	H CALCR RAMP2(AMY2) Reporter CHO-K1 Cell Line
H CALCR RAMP3(AMY3) Reporter CHO-K1 Cell Line	H CALCR RAMP3(AMY3) β-Arrestin Reporter CHO-K1 Cell Line
H CALCR Reporter CHO-K1 Cell Line	H CALCR β-Arrestin Reporter CHO-K1 Cell Line
Rat CALCR RAMP1(AMY1) Reporter COS-7 Cell Line	Rat CALCR RAMP3(AMY3) Reporter COS-7 Cell Line
Rat CALCR Reporter COS-7 Cell Line	
THRB	
H THRβ Reporter HEK-293 Cell Line	
MC4R	
H MC4R Reporter HEK-293 Cell Line	
GLP2R	
H_GLP2R Reporter 293 Cell Line	
ASGR1	
H ASGR1 CHO-K1 Cell Line	H ASGR1 HEK-293 Cell Line
Anti-ASGR1 hIgG1 Antibody(4A2.001)	
Cynomolgus ASGR1 Protein; His Tag	Human ASGR1 Protein; hFc Tag
Human ASGR1 Protein; His Tag	Mouse ASGR1 Protein; His Tag