

Human GFRAL Protein; His Tag

Product Information

Product Name	Human GFRAL Protein; His 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-87631RP-100 / 100 μg GM-87631RP-1000 / 1 mg

Protein Information

Alternative Names	GFR alpha like, GFR alpha-like, GRAL
Source	Human GFRAL Protein; His Tag (GM-87631RP) is expressed from human 293 cells (HEK-293). It contains AA Ser 19 - Glu 351 (Accession # Q6UXV0). This protein carries a His tag at the C-terminus.
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/ μg , determined by LAL gel clotting assay
Predicted Mol Mass	38.6 kDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4.
Description	GFR alpha like is a protein associated with the Glial Cell Line-Derived Neurotrophic Factor Receptor (GFR). It is a cell surface receptor closely linked to the binding and signal transduction of the GDNF family of neurotrophic factors (GDNF, NRTN, ARTN, and PSPN). The GFR alpha like protein plays a crucial role in the development and maintenance of the nervous system, regulating processes such as neuronal survival, differentiation, migration, and synapse formation. Research indicates that the expression of GFR alpha like protein in the nervous system is associated with various neurological diseases and disease models, potentially playing a role in the pathogenesis of neurodegenerative diseases. Further research into the function and regulatory mechanisms of GFR alpha like protein can help deepen our understanding of the occurrence and development of neurological diseases, providing new targets and strategies for the treatment of related diseases.

Figures

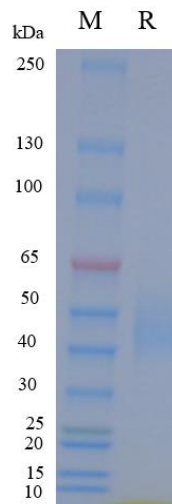


Figure 1 | On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

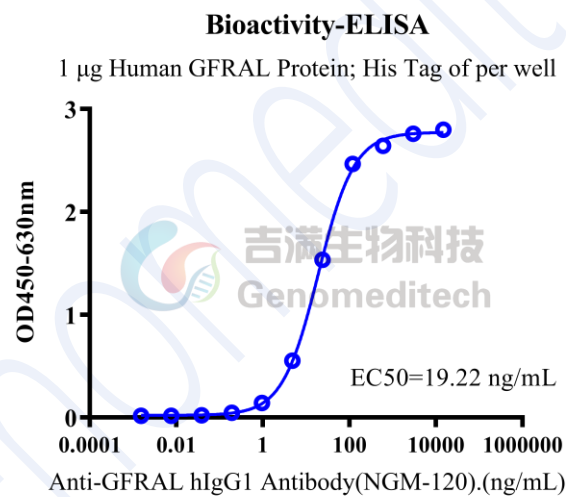


Figure 2 | Human GFRAL Protein; His Tag (Catalog # GM-87631RP) was immobilized at 2 μ g/ml (100 μ L/well). Increasing concentrations of Anti-GFRAL hIgG1 Antibody(NGM-120) (Catalog # GM-77399AB) were added.

Related Products

GDF15:GFRAL	
H_GDF15 Reporter 293 Cell Line	H_GDF15 Reporter 293 Cell Line (High Basal)
H_GDF15 Reporter 293 DDX35TM Cell Line	Mouse_GDF15 Reporter 293 Cell Line
H_GDF15 MC38 Cell Line	H_GFRAL CHO-K1 Cell Line
H_GFRAL HEK-293 Cell Line	Membrane Bound H_GDF15 CHO-K1 Cell Line
Anti-GDF15 hIgG1 Reference Antibody(Ponsbio)	Anti-GDF15 hIgG4 Reference Antibody (Visubio)
Anti-GFRAL hIgG1 Antibody(NGM-120)	Anti-H_GDF15 hIgG4 Antibody(CTL-002)
Anti-H_GFRAL hIgG4 Antibody(QUEL-0301)	
Biotinylated Human GFRAL Protein; His-Avi Tag	Cynomolgus GFRAL Protein; His Tag
Human GDF15 Protein; His Tag	Human GFRAL Protein; hFc Tag
Human pro-GDF15 Protein; His Tag	