

Recombinant Human GFRAL Protein, 19-351, N-Fc tagged

Cat. No. GFRAL-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human GFRAL (aa 19-351) fused to the N-terminus of the Fc region of human IgG1 was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-351 a.a.
Description	Enables glial cell-derived neurotrophic factor receptor activity and receptor tyrosine kinase binding activity. Involved in glial cell-derived neurotrophic factor receptor signaling pathway; positive regulation of MAPK cascade; and positive regulation of protein kinase B signaling. Located in external side of plasma membrane.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	~50-100 kDa
Endotoxin	<1 EU/mg purified protein (LAL test; Lonza).
Purity	≥98% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.

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Storage	Short Term Storage: +4 centigrade Long Term Storage: -20 centigrade
Storage Buffer	Lyophilized from 0.2µm-filtered solution in PBS.
Shipping	BLUE ICE
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.

GENE INFORMATION

Gene Name	GFRAL GDNF family receptor alpha like [Homo sapiens (human)]
Official Symbol	GFRAL
Synonyms	GFRAL; GDNF family receptor alpha like; GRAL; UNQ9356; C6orf144; bA360D14.1; GDNF family receptor alpha-like; IVFI9356
Gene ID	389400
mRNA Refseq	NM_207410
Protein Refseq	NP_997293
MIM	617837
UniProt ID	Q6UXV0

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