

Recombinant Human GFRAL protein, His-Avi-tagged

Cat. No. GFRAL-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LILRA3 Protein is expressed from mammalian with His and Avi Tag at the C-terminal. It contains Gly24-Glu439.
Species	Human
Source	HEK293
ProteinLength	Gly24-Glu439
Description	GFR alpha -like (GDNF receptor-alpha-like) is a distant member of the GDNFR family of proteins. Mature human GFR alpha-like is a 376 amino acid (aa) type I transmembrane protein. It contains a 333 aa extracellular domain, a 20 aa transmembrane domain and a 23 aa cytoplasmic domain. GFRAL is a brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses.
Form	Supplied as 0.22um filtered solution in 20mM PB, 300mM NaCl (pH 6.5).
Molecular Mass	The protein has a predicted MW of 40.7 kDa. Due to glycosylation, the protein migrates to 48-62KDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.1EU per ug by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

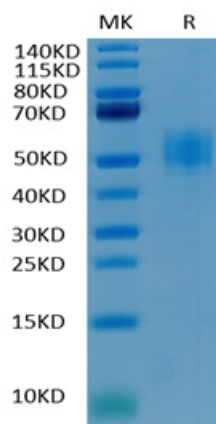
Gene Name	GFRAL GDNF family receptor alpha like [Homo sapiens]
Official Symbol	GFRAL
Synonyms	GFR alpha like; GFR alpha-like; GFRAL; GRAL; GDNF family receptor alpha-lik; C6orf144
Gene ID	389400
mRNA Refseq	NM_207410. 2
Protein Refseq	NP_997293. 2
MIM	617837
UniProt ID	Q6UXV0

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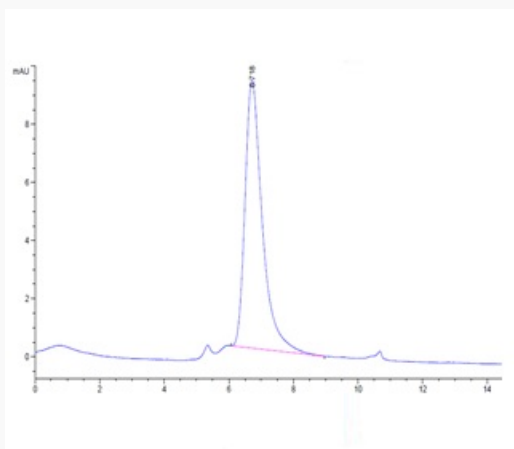
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Tris-Bis PAGE



SEC-HPLC

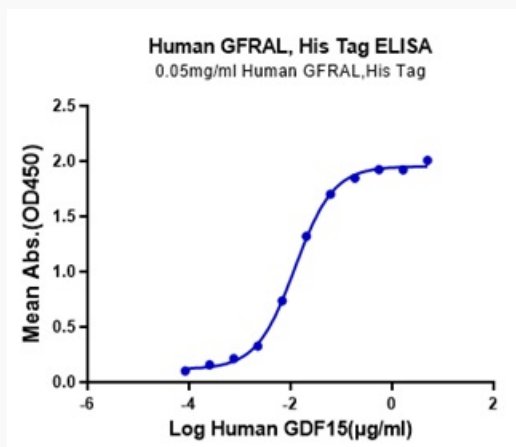


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ELISA data



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