

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

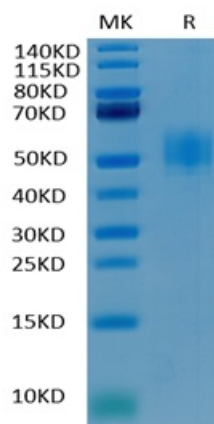
UniProt ID Q6UXV0

 Tel: 1-631-559-9269 1-516-512-3133

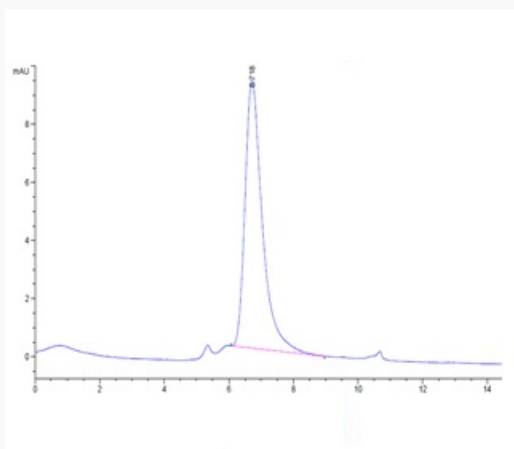
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Tris-Bis PAGE



SEC-HPLC

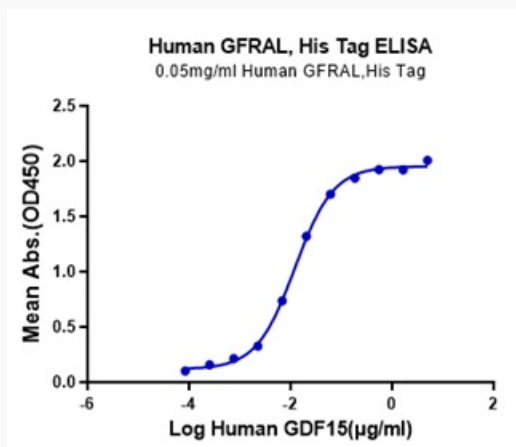


 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ELISA data



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA