

Recombinant Human GFRAL protein, His-tagged

Cat. No. GFRAL-002H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GFRAL protein (Ser19-Glu351) was fused to His-tag at C-terminus and expressed in human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	333
Description	Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses. Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.
Molecular Mass	The predicted molecular mass is 38 kDa, and the actual MW is about 40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	<1 EU/mg as determined by LAL test.
Purity	80%by SDS-PAGE under reducing conditions.

GENE INFORMATION

Gene Name	GFRAL
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Official Symbol	GFRAL
Synonyms	GRAL; UNQ9356; C6orf144; bA360D14.1
Gene ID	389400
mRNA Refseq	NM_207410.2
Protein Refseq	NP_997293.2
MIM	617837
UniProt ID	Q6UXV0

**SDS-PAGE of
GFRAL-002H**

