

## 32-17680: Recombinant Human GFRAL Protein, His Tag

**Uniprot ID :** Q6UXV0

**Alternative Name :** bA360D14.1; C6orf144; GRAL; UNQ9356

### Description

Molecular Characterization: GFRAL(Ser19-Glu351) 6 $\text{\AA}$ —His tag

Molecular weight: The protein has a predicted molecular mass of 38.6 kDa after removal of the signal peptide. The apparent molecular mass of GFRAL-His is approximately 35-55 kDa due to glycosylation.

Description: Recombinant human GFRAL protein with C-terminal 6 $\text{\AA}$ —His tag

Brainstem-restricted receptor for GDF15 which regulates food intake, energy expenditure and body weight in response to metabolic and toxin-induced stresses (PubMed: 28953886, PubMed: 28846097, PubMed: 28846098, PubMed: 28846099).

Upon interaction with its ligand, GDF15, interacts with RET and induces cellular signaling through activation of MAPK- and AKT- signaling pathways.[UniProtKB/Swiss-Prot Function]

### Product Info

**Amount :** 100  $\mu\text{g}$  / 50  $\mu\text{g}$

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.