

Product datasheet for **TP724205**

Human GFRAL Protein, His Tag

Product data:

Product Type:	Recombinant Proteins
Description:	Human GFRAL Protein, His Tag
Expression Host:	HEK293
Tag:	C-6×His
Predicted MW:	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.
Purity:	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Reconstitution Method:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage:	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.
Stability:	12 months from date of despatch
Summary:	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]



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