Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customercare-usa@hellobio.com

DATASHEET

Recombinant rat GFRA1 protein

Product overview

Name	Recombinant rat GFRA1 protein
Cat No	HB8410
Species of origin	rat
Alternative names	Recombinant Rat GDNF Family Receptor Alpha 1, GDNF family receptor alpha-1, GDNF receptor alpha-1, GDNFR-alpha-1, GFR-alpha-1, RET ligand 1, TGF-beta-related neurotrophic factor receptor 1, Gfra1, Gdnfra, Retl1, Trnr1.
Purity	>85%
Description	Recombinant rat GDNF receptor alpha-1 protein

Solubility & Handling

Handling	• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions. • Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C. • For long term storage, a carrier protein (0.1% HSA or BSA) should be added to stock solutions. Solutions should be aliquoted into tightly sealed vials for storage at -20°C. Freeze-thaw cycles should be prevented.
Shipping Conditions	Stable for ambient temperature shipping. Follow storage instructions on receipt.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use

Chemical Data

UniProt ID	Q62997
Source	Sf9, Baculovirus cells.
Appearance	Colourless solution (sterile filtered)
Formulation	Solution (0.25mg/ml) containing PBS (pH 7.4) and 10% glycerol

References

Glial cell line-derived neurotrophic factor (GDNF): a drug candidate for the treatment of Parkinson's disease

Grondin R *et al* (1998) J Neurol 245(11 Suppl 3)
PubMedID 9808338

Biology of GDNF and its receptors - Relevance for disorders of the central nervous system

Ibanez CF *et al* (2017) Neurobiol Dis 97(Pt B)
PubMedID 26829643

Glial cell line-derived neurotrophic factor (GDNF) induces neuritogenesis in the cochlear spiral ganglion via neural cell adhesion molecule (NCAM)

Euteneuer S *et al* (2013) Mol Cell Neurosci 54
PubMedID 23262364