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DATASHEET

Recombinant human GFRA3 (Sf9) protein

Product overview

Name	Recombinant human GFRA3 (Sf9) protein
Cat No	HB6843
Species of origin	human
Alternative names	Recombinant Human GDNF Family Receptor Alpha 3, Sf9, GDNF Family Receptor Alpha3, GDNFR-alpha-3, GFR-alpha-3, GDNF Receptor Alpha-3, GDNFR3, GDNF Family Receptor Alpha-3, Glial Cell Line-Derived Neurotrophic Factor Receptor Alpha-3, GPI-Linked Receptor, GFRA3.
Purity	>85%
Description	Recombinant human GDNF receptor alpha-3 protein from Sf9 Baculovirus cells

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.
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	O60609
Source	Sf9, Baculovirus cells.
Appearance	Clear solution (sterile filtered)
Formulation	Solution (0.25mg/ml) containing PBS (pH7.4) 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