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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 Alpha 3, 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** 

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)

Solution (0.25mg/ml) containing PBS (pH7.4) and 10% glycerol **Formulation** 

### 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