Recombinant Mouse Gfra1 Protein, Myc/DDK-tagged

Cat. No. Gfra1-3197M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glial cell line derived neurotrophic factor family receptor alpha 1 (Gfra1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a transmembrane protein that functions as the receptor for glial ce ll line derived neurotrophic factor (GDNF). The encoded protein undergoes proteolytic processing to generate a glycosylphosphatidylinositol-anchored cell surface corecept or that forms a complex with the Ret tyrosine kinase in GDNF signaling pathway. Mice lacking the encoded protein exhibit deficits in the kidneys, the enteric nervous system, and spinal motor and sensory neurons similar mice deficient in GDNF or Ret.
Molecular Mass	51.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Gfra1 glial cell line derived neurotrophic factor family receptor alpha 1 [Mus musculus (house mouse)]
Official Symbol	Gfra1
Synonyms	Gfra1; glial cell line derived neurotrophic factor family receptor alpha 1; GDNFR; AU042498; GDNF family receptor alpha-1; GDNFR-alpha-1; GFR alpha-1; TGF-beta-related neurotrophic factor receptor 1
Gene ID	14585
mRNA Refseq	NM_010279
Protein Refseq	NP_034409
UniProt ID	P97785

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA