

GDNFRA/GFRA1

Synthetic Human GDNF Family Receptor Alpha 1 (aa 369-382) (IN) Blocking Peptide

Catalog No.	PX192BP	Quantity:	50 µg
Alternate Names:	GDNFR, GDNFRA, GFR-ALPHA-1, MGC23045, RET1L, RETL1, TRNR1, GPI-linked anchor protein, Glial cell line-derived neurotrophic factor receptor alpha, PI-linked cell-surface accessory protein, RET ligand 1, TGF-beta related neurotrophic factor receptor 1		
Description:	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease.		
Gene ID:	2674		
Application:	The peptide is used for blocking the activity of anti-GFR α -1. The peptide with equal volume of antibody for 30 min at 37°C usually completely blocks the antibody activity in Western blotting.		
Formulation:	It is supplied as 200 µg/ml, 50 µg/vial , in PBS pH7.2 (10 mM NaH ₂ PO ₄ , 10 mM, Na ₂ HPO ₄ , 130 mM NaCl) containing 0.1% bovine serum albumin and 0.02% sodium azide.. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Sequence:	KNKPLGPAGSENEI		
Storage & Stability:	Store at -20°C, stable for one year.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.