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Recombinant Human Glial Cell line-derived Neurotrophic Factor Receptor alpha 2 Protein

产品货号: TP04611

第三版

别名:GDNF Family Receptor Alpha-2; GDNF Receptor Alpha-2; GDNFR-Alpha-2; GFR-Alpha-2; GDNF Receptor Beta; GDNFR-Beta; Neurturin Receptor Alpha; NRTNR-Alpha; NTN-Alpha; RET Ligand 2; TGF-Beta-Related Neurotrophic Factor Receptor 2; GFRA2; GDNFRB; RETL2; TRNR2

描述:Members of the glial cell line-derived neurotrophic factor (GDNF) family, including GDNF and Neurturin, play key roles in the control of vertebrate neuronal survival and differentiation. GDNF is a glycosylated, disulfide-bonded homodimer that is distantly related to the TGF superfamily of growth factors. Three receptors for these factors, GFR -1, GFR -2, and GFR -3 have been identified. The receptors do not contain transmembrane domains and are attached to the cell membrane by glycosyl-phosphoinositol linkage. Both GFR -1 and GFR -2 have been shown to mediate the GDNF-dependent and Neurturin-dependent phosphorylation and activation of the tyrosine kinase Ret. GFR-3 is expressed only during development. GFR -2 binds Neurturin and mediates activation of RET receptor tyrosine kinase by both Neurturin and GDNF.

配方:PBS

分子量:47.8 kDa

序列:Ser22-Ser441

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.