Product Name: Recombinant Human GFRA2 (C-6His)
Catalog #: PHH0729

概述（Summary）

英文全称	GFRα-2/GDNF R α-2/GDNF family receptor alpha-2/GFRA2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Glial Cell line-derived Neurotrophic Factor Receptor Alpha 2 is produced by our Mammalian expression system and the target gene encoding Ser22-Ser441 is expressed with a 6His tag at the C-terminus.
Accession #	O00451
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	47.79 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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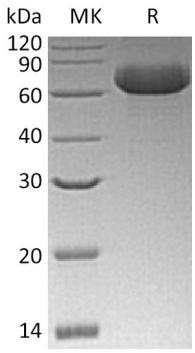

背景（Background）

分子别名（Alternative Names）	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; NTNR-Alpha; RET Ligand 2; TGF-Beta-Related Neurotrophic Factor Receptor 2; GFRA2; GDNFRB; RETL2; TRNR2
背景介绍（References）	Members of the glial cell line-derived neurotrophic factor (GDNF) family, including GDNF and Neurturin, play key roles in the control of vertebrate neuronal survivial 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, GFRα-1, GFRα-2, and GFRα-3 have been identified. The receptors do not contain transmembrane domains and are attached to the cell membrane by glycosyl-phosphoinositol linkage. Both GFRα-1 and GFRα-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. GFRα-2 binds Neurturin and mediates activation of RET receptor tyrosine kinase by both Neurturin and GDNF.

注意事项（Note）

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