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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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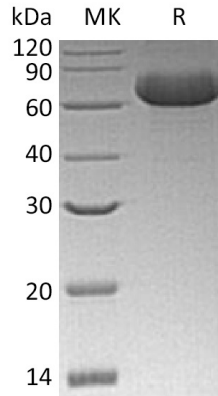
Recombinant Human GFRA2 (C-6His)(Cat.No.:C472)

Source:	Human Cells
Description:	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
Known As:	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
Predicted Mol Mass:	47.79 KDa
Apparent Mol Mass:	60-80 KDa, reducing conditions
Endotoxin:	< 1 EU/μg as determined by LAL test.
Formulation:	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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.
Shipping:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Storage:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Background:	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, 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

Version25.2.4

Neurturin and mediates activation of RET receptor tyrosine kinase by both Neurturin and GDNF.

Purity-SDS-PAGE:



Greater than 95% as determined by reducing SDS-PAGE. (QC verified)