

# Recombinant Human GDNF Protein

Catalog Number: EXRP036

**EXREprotein™**

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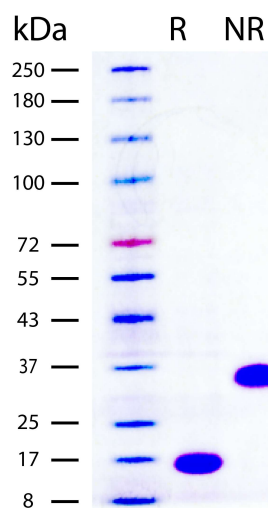
## Product Details

<b>Biological Activity</b>	Determined by a cell proliferation assay using human neuroblastoma cells. The ED <sub>50</sub> for this effect is typically <20 ng/mL.
<b>Purity</b>	>97% by SDS-PAGE and quantitative densitometry by Coomassie® Blue staining
<b>Endotoxin</b>	<0.05 EU per 1 µg of the protein as determined by the LAL method
<b>Source</b>	Expressed in CHO cells. Disulfide-linked homodimer
<b>Accession Number</b>	P39905
<b>Sequence</b>	Arg109-Ile211 RGQRGKNRGC VLTAIHLNVT DLGLGYETKE ELIFRYCSGS CDAAETTYDK ILKNLSRNRR LVSDKVGQAC CRPIAFDDDL SFLDDNLVYH ILRKHS AKRC GCI
<b>Molecular Weight</b>	11.6 kDa (monomer, predicted), 16 kDa and 32 kDa (glycosylated, observed on SDS-PAGE gel stained using Coomassie® Blue under reducing and non-reducing conditions, respectively)
<b>Formulation</b>	Lyophilized from sterile PBS with Trehalose, pH 7.4

## Storage and Preparation

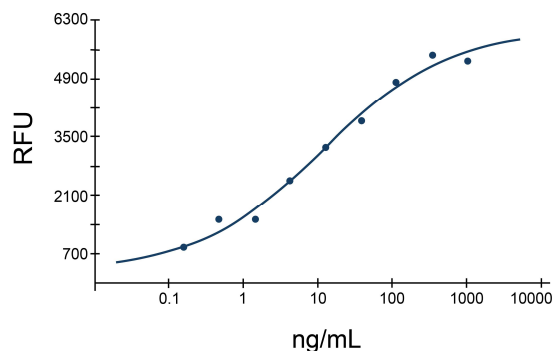
<b>Shipping</b>	Shipped at ambient temperature.
<b>Stability and Storage</b>	<ul style="list-style-type: none"><li>12 months from date of receipt at -20°C to -70°C, <b>lyophilized powder</b>.</li><li>3 months at -20°C to -70°C under sterile conditions <b>after reconstitution</b>.</li></ul> <b>Avoid repeated freeze-thaw cycles.</b>
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in PBS.

## Data Images



Recombinant Human GDNF (2 µg/lane) on SDS-PAGE under reducing (R) and non-reducing (NR) conditions. The gel was stained using Coomassie® Blue showing single bands at 16 kDa and 32 kDa, respectively, and purity greater than 97%.

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