

## Recombinant Human Neurturin

Cat. No.:MGC070 size : 10 $\mu$ g / 50 $\mu$ g / 1mg

### Characteristics:

<b>Source</b>	Chinese Hamster Ovary cell line
<b>Description</b>	Human Neurturin(Ala96-Val197) Accession #Q99748
<b>Predicted molecular mass</b>	11.8kDa

### Specification:

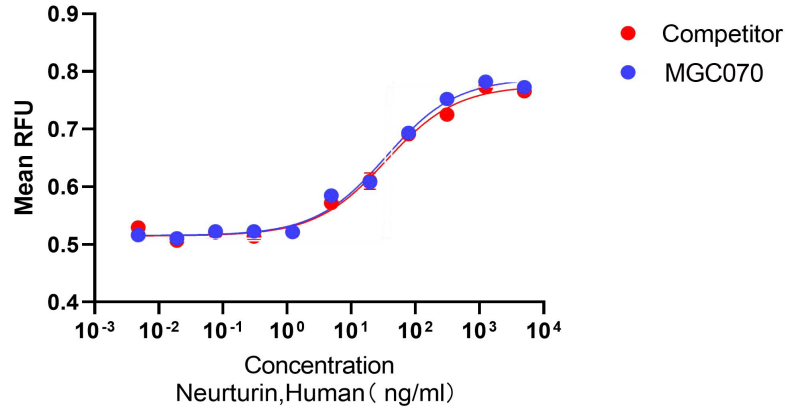
<b>Appearance</b>	White powder,colorless clear liquid after reconstitution
<b>Purity</b>	$\geq$ 95%, by SDS-PAGE (under reducing (R)& Non-reducing conditions, visualized by Coomassie staining)
<b>Endotoxin</b>	$\leq$ 0.01EU/ $\mu$ g by the LAL method
<b>Activity</b>	Measured in a cell proliferation assay using SH-SY5Y human neuroblastoma cells. The ED <sub>50</sub> for this effect is < 100 ng/mL in the presence of 50 ng/mL Human GFR alpha-2.
<b>Formulation</b>	Lyophilized from a 0.22 $\mu$ m-filtered solution containing 20mM Citric Acid,5% Mannitol,0.01% Tween 80,pH2.5

### Handling and Storage:

<b>Reconstitution</b>	It is recommended to redissolve in sterile deionized water.
<b>Shipping</b>	Wet ice (seasonal)
<b>Storage &amp; Stability</b>	36 months at -20°C to -80°C in lyophilized state 6 months at -20°C to -80°C under sterile conditions after reconstitution 7-10 days at 2°C to 8°C under sterile conditions after reconstitution <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b>

## Data:

### Bioactivity



Measured in a cell proliferation assay using SH-SY5Y human neuroblastoma cells in the presence of Recombinant Human GDNF R alpha -2.

S260401