

## Recombinant Human Neurturin

#R00177

Size: 5 µg/100 µg/500 µg

### Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
  - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
  - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



**Warning:** This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

### AA Sequence

ARLGARPCGLRELEVRVSELGLGYASDETVLFRYCA  
GACEAAARVYDLGLRRLRQRRRLRRERVRAQPCCR  
PTAYEDEVSFLDAHSRYHTVHEL SARECACV

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water to a concentration of 0.5 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

### Product Specification

|                            |                                                                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Accession</b>           | Q99748                                                                                                                                   |
| <b>GeneID</b>              | 4902                                                                                                                                     |
| <b>Species</b>             | Human                                                                                                                                    |
| <b>Source</b>              | Escherichia coli.                                                                                                                        |
| <b>Molecular Weight</b>    | Approximately 23.4 kDa, a homodimeric protein consisting of two 102 amino acid non-glycosylated polypeptide chains.                      |
| <b>Purity</b>              | > 96 % by SDS-PAGE and HPLC analyses.                                                                                                    |
| <b>Biological Activity</b> | Fully biologically active when compared to standard. The biologically active as determined by its binding ability in a functional ELISA. |
| <b>Physical Appearance</b> | Sterile Filtered White lyophilized (freeze-dried) powder.                                                                                |

|                    |                                                                                                                              |
|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Formulation</b> | Lyophilized from a 0.2 µm filtered concentrated solution in 30 mM Citrate Sodium, pH 4.2, 400 mM NaCl, with 0.02 % Tween-20. |
| <b>Endotoxin</b>   | Less than 1 EU/µg of rHuNeurturin as determined by LAL method.                                                               |