

ARG70144

Human Neurturin recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg

Store at: -20°C

Summary

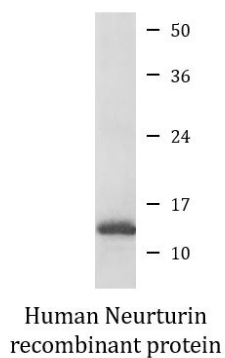
| | |
|---------------------|---|
| Product Description | E. coli expressed, His-tagged (C-ter) Active Human Neurturin recombinant protein |
| Tested Application | SDS-PAGE |
| Target Name | Neurturin |
| Species | Human |
| A.A. Sequence | Ala96 - Val197 |
| Expression System | E. coli |
| Activity | Active |
| Activity Note | Determined by its ability to induce proliferation in SH-SY5Y cells. The ED50 for this effect is < 50 ng/mL. |
| Alternate Names | Neurturin; NTN |

Properties

| | |
|---------------------|---|
| Form | Powder |
| Purification Note | Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test. |
| Purity | > 98% (by SDS-PAGE) |
| Buffer | PBS (pH 7.4) |
| Reconstitution | It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely. |
| Storage instruction | For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

| | |
|-----------------------|---|
| Gene Symbol | NRTN |
| Gene Full Name | neurturin |
| Background | Neurturin is a member of the TGF-beta subfamily, TRN. This gene signals through RET and a GPI-linked coreceptor, and promotes survival of neuronal populations. A neurturin mutation has been described in a family with Hirschsprung Disease. [provided by RefSeq, Jul 2008] |
| Function | Supports the survival of sympathetic neurons in culture. May regulate the development and maintenance of the CNS. Might control the size of non-neuronal cell population such as haemopoietic cells. [UniProt] |
| Cellular Localization | Secreted. [UniProt] |



ARG70144 Human Neurturin recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70144 Human Neurturin recombinant protein (Active) (His-tagged, C-ter).