

Recombinant Human Neuritin
Catalog # PBG10329**Specification**

Recombinant Human Neuritin - Product Information**Recombinant Human Neuritin - Additional Information****Description**

Neuritin is a neurotrophic factor, which is expressed in response to induction of neuronal activity by NGF, BDNF, NT3, and other neural stimulators. It is expressed primarily in postmitotic-differentiating neurons of the developing nervous system and in neuronal structures related to synaptic plasticity in the adult nervous system. Neuritin acts as a molecular mediator of neurite outgrowth, neuronal survival, and synaptic maturation. Recombinant human Neuritin is a covalently disulfide-linked homodimer, consisting of two 9.72 kDa polypeptide monomers, each containing 88 amino acid residues.

Biological Activity

Determined by a cell proliferation using rat C6 cells. The **ED₅₀** for this effect is 20.0-30.0 ng/ml.

Authenticity

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

Endotoxin

Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

Protein Content

Verified by UV Spectroscopy and/or SDS-PAGE gel.

Storage

-20°C

Precautions

Recombinant Human Neuritin is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Human Neuritin - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

Recombinant Human Neuritin - Images