

### 32-20531: Recombinant Human/Rat Neuritin(Discontinued)

**Reactivity :** Rat

#### Description

**Source:** *E.coli* Neuritin is a neurotrophic factor that is expressed in response to the 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/Rat Neuritin is a covalently disulfide-linked homodimer, consisting of two 9.72 kDa polypeptide monomers, each containing 88 amino acid residues.

#### Product Info

**Amount :** 5 µg / 20 µg

**Purification :** Purity: >= 98% by SDS-PAGE gel and HPLC analyses.

**Content :** This recombinant protein is supplied in lyophilized form.

**Amino Acid :** AGKCDAVFKG FSDCLLKLGD SMANYPQGLD DKTNIKTVCT YWEDFHSTCV TALTDCQEGA  
KDMWDKLRKE SKNLNIQGSF FELCGSGN

#### Application Note

Determined by a cell proliferation using rat C6 cells. The  $ED_{50}$  for this effect is 20.0-30.0 ng/ml.