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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.Â Â Neuritin acts as a molecular mediator of neurite outgrowth, neuronal survival, and synaptic maturation.Â Â 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 YWEDFHSCTV TALTDCQEGA KDMWDKLRKE SKNLNIQGSL FELCGSGN

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.