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32-20320: Recombinant Human NT-4(Discontinued)

Reactivity : Human, Mouse, Rat
Alternative Name : Neurotrophin-4, Neurotrophic 4/5 (NT-4/NT-5)

Description

Source:E.coli
NT-4 is a neurotrophic factor structurally related to Beta-NGF, BDNF, and NT-3.Â These proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures.Â NT-4 is expressed in the prostate, thymus, placenta, and skeletal muscle.Â NT-4 can signal through the LNGFR and trkB receptors, and promotes the survival of peripheral sensory sympathetic neurons.Â Recombinant Human NT-4 is a noncovalently linked homodimer of two 14.0 kDa polypeptide monomers (260 total amino acid residues).

Product Info

Amount : 2 µg / 10 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : GVSETAPASR RGELAVCDAV SGWVTDRRTA VDLRGREVEV LGEVPAAGGS PLRQYFFETR CKADNAEEGG PGAGGGGCRG VDRRHWVSEC KAKQSYVRAL TADAQGRVGW RWIRIDTACV CTLLSRTGRA

Application Note

Determined by the dose-dependent induction of choline acetyl transferase activity in rat basal forebrain primary septal cell cultures was found to be in the range of 20-50 ng/ml.

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