

NT3/NGF-2, Human, Recombinant**Cat. No. : GPCK210****产品信息**

物种	Human
表达宿主	E.coli
序列信息	Tyr139-Thr257
检索号	P20783
分子量	13.6 kDa
有效期	12 months
生物活性	Immobilized Human TrkB (C-6His) at 5 µg/mL (100 µL/well) can bind Human NT-3: Biotinylated by NHS-biotin prior to testing. The EC50 of Human NT-3 is 15 ng/mL.

产品特性

内毒素 (EU/µg)	< 0.1
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 250 mM NaCl, pH 7.2.
复溶	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Neurotrophin-3 (NT-3) is a member of the NGF family of neurotrophic factors and is structurally related to β-NGF, BDNF and NT-4. The NT3 cDNA encodes a 257 amino acid residue precursor Protein with a signal peptide and a pro Protein that are cleaved to yield the 119 amino acid residue mature NT3. The amino acid sequences of mature human, murine and rat NT-3 are identical. NT-3 selectively promotes the differentiation and survival of specific neuronal subpopulations in both the central as well as the peripheral nervous systems.

