

Active Recombinant Human NT3 protein(Tyr139-Thr257)

Cat. No. NT3-205H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NT3 (P20783-1) (Tyr139-Thr257) was expressed and purified in E. coli.
Species	Human
Source	E.coli
ProteinLength	Tyr139-Thr257
Form	Lyophilized from sterile PBS, pH 5.2. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human NT3 at 2 µg/ml (100 µl/well) can bind human TrkB-Fch. The EC50 of human TrkB-Fch is 120-350 ng/mL.
Molecular Mass	The recombinant human NT3 consists of 120 amino acids and has a predicted molecular mass of 13.8 kDa. The apparent molecular mass of it is approximately 16 kDa in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	NT3 3-nucleotidase [Homo sapiens]
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Official Symbol	NT3
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Synonyms	NT3; 3-nucleotidase;
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Gene ID	4877
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