

Recombinant Human Neurotrophin-3/NTF3 Protein

RPES0375

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES0375

Purity: > 95 % as determined by reducing SDS-PAGE.

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Human

Endotoxin: < 0.01 EU per µg of the protein as determined by the LAL method.

Synonyms: HDNF, NGF-2, NT-3, NTF3, Nerve Growth Factor 2, Neurotrophic Factor, Neurotrophin-3

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: None

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Expression Host: E.coli

Bio-Activity: Immobilized Human TrkB (C-6His)(RPES0776) at 5 µg/mL (100 µL/well) can bind Human NT-3(RPES0375): Biotinylated by NHS-biotin prior to testing. The EC50 of Human NT-3(RPES0375) is 15 ng/mL.

Calculated MW: 13.6 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 250mM NaCl, pH 7.2. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Observed MW: 14 kDa

Reconstitution: Please refer to the printed manual for detailed information. Immobilized Human TrkB (C-6His)(RPES0776) at 5 µg/mL (100 µL/well) can bind Human NT-3(RPES0375): Biotinylated by NHS-biotin prior to testing. The EC50 of Human NT-3(RPES0375) is 15 ng/mL.

Accession: P20783

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Source: E.coli-derived Human Neurotrophin-3, NTF3 protein Tyr139-Thr 257

Sequence: Tyr139-Thr 257

Notes: Centrifuge before opening to ensure complete recovery of vial contents.

Form: Lyophilized powder