

Human NRTN Recombinant Protein



RPPB0785

Product Information Protein Information

Product SKU:

RPPB0785

Accession:

Q99748

Host:

Escherichia Coli.

Protein description:

NRTN Human Recombinant produced in E.Coli is a homodimeric non-glycosylated polypeptide chains consisting of two 102 amino acids and having a molecular mass of 23.4kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Neurturin.

Formulation:

NRTN protein was lyophilized from a 0.2 µm filtered concentrated solution in 30 mM Citrate Sodium, pH 4.2, 400 mM NaCl, with 0.02 % Tween-20.

Purity:

Greater than 96.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized NRTN in sterile 18MΩ-cm H₂O not less than 0.5mg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized NRTN although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NRTN should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

ARLGARPCGL RELEVRVSEL GLGYASDETV LFRYAGACE AAARVYDLGL RRLRQRRRLR RERVRAQPCC
RPTAYEDEVSLFLDAHSRYHT VHELARECA CV

Biological Activity:

Fully biologically active when compared to standard. The biologically active as determined by its binding ability in a functional ELISA.