

## Neurturin Human Recombinant

<b>Item Number</b>	rAP-2706
<b>Synonyms</b>	Neurturin.
<b>Description</b>	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.&nbsp;
<b>Uniprot Accesion Number</b>	Q99748
<b>Amino Acid Sequence</b>	ARLGARPCGL RELEVRSSEL GLGYASDETV LFRYCAGACE AAARVYDLGL RRLRQRRRLR RERVRAQPCC RPTAYEDEVSLFLDAHSRYHT VHELARECA CV&nbsp;
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered White lyophilized (freeze-dried) powder. 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).&nbsp;Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	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. Greater than 96.0% as determined by:&nbsp;(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to reconstitute the lyophilized NRTN in sterile 18M <sup>2</sup> -cm H <sub>2</sub> O not less than 0.5mg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	Fully biologically active when compared to standard. The biologically active as determined by its binding ability in a functional ELISA.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**