

Human Neurturin

Synonyms: Neurturin.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1772.950.005		
20 µg	1772.950.020		
1 mg	1772.950.199		

Please enquire for bulk quantities and other vial sizes

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.

- **Source** *E. Coli*
- **Purity** ≥ 96 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** 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*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

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

Reconstitution

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 avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

ARLGARPCGL RELEVRVSEL GLGYASDETV LFRYCAGACE AAARVYDLGL RRLRQRRRLR RERVRAQPCC
RPTAYEDEVS FLDAHSRYHT VHELARECA CV

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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