

Active Recombinant Human NRTN Protein

Cat. No. NRTN-750H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NRTN was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate the mature protein. This protein signals through the RET receptor tyrosine kinase and a GPI-linked coreceptor, and promotes survival of neuronal populations. A neurturin mutation has been described in a family with Hirschsprung Disease.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	Human Neurturin at a concentration of 100 ng/ml will support the survival of 65% of newborn rat sympathetic neurons.
Molecular Mass	11.8 kDa
AA Sequence	ARLGARPCGLRELEVRVSELGLGYASDETFLFRYCAGACEAAARVYDLGLRRLRQR RRLRRERVRAQPCCRPTAYEDEVSFLDAHSRYHTVHELARSACACV
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
---------------	--

Concentration	Resuspend the protein in the desired concentration in proper buffer
----------------------	---

GENE INFORMATION

Gene Name	NRTN neurturin [Homo sapiens]
------------------	---------------------------------

Official Symbol	NRTN
------------------------	------

Synonyms	NRTN; neurturin; NTN;
-----------------	-----------------------

Gene ID	4902
----------------	------

mRNA Refseq	NM_004558
--------------------	-----------

Protein Refseq	NP_004549
-----------------------	-----------

MIM	602018
------------	--------

UniProt ID	Q99748
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA