

Datasheet for ABIN935696 Neurturin Protein (NRTN)



[Go to Product page](#)

Overview

Quantity:	20 µg
Target:	Neurturin (NRTN)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	ARLGARPCGL RELEVRVSEL GLGYASDETV LFRYCAGACE AAARVYDLGL RRLRQRRRLR RERVRAQPCC RPTAYEDEVS FLDAHSRYHT VHELARECA CV
Characteristics:	Purified recombinant Human Neurturin protein Expression System: E.coli Bioactivity: Human Neurturin at a concentration of 100 ng/mL will support the survival of 65 % of newborn rat sympathetic neurons.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Neurturin (NRTN)
Alternative Name:	Neurturin (NRTN Products)
Background:	Neurturin is a disulfide-linked homodimer neurotrophic factor structurally related to GDNF,

Target Details

Artemin, and Persephin. These proteins belong to the cysteine-knot family of growth factors that assume stable dimeric structures. Neurturin signals through a multicomponent receptor system, composed of RET and one of four GFR alpha (alpha1-alpha4) receptors. Neurturin promotes the development and survival of sympathetic and sensory neurons by signaling through a receptor system composed of RET and GFRalpha2.

Alternative Names: NRTN protein, NTN protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.