

PRODUCT INFORMATION

Neurturin, Human

Catalog number	C01153-5UG / C01153-20UG / C01153-100UG
Package	5 µg / 20 µg / 100 µg
Description	Neurturin (NRTN) is a protein which belongs to the glial cell-line derived neurotrophic factor (GDNF) family of neurotrophic factors, regulate the survival and function of neurons. Neurturin had been shown to promote the survival of a variety of neurons including sympathetic, sensory, and central nervous system neurons. Neurturin is expressed in both neuronal and non-neuronal tissues. It may play a role in regulating the development and maintenance of the central and peripheral nervous systems and as well as non-neuronal systems.
Source	<i>Escherichia coli</i>
Sequence	MARLGARPCGLRELEVRVSELGLGYASDETVLFRYCAGACEAAARVYDLGLRR LRQRRRLRRERVRQAQPCCRPTAYEDEVSFLDAHSRYHTVHELRSARECACV with polyhistidine tag at the C-terminus
Endotoxin level	<0.1 EU per 1 µg of the protein by the LAL method.
Activity	Measure by its ability to induce proliferation in SH-SY5Y cells. The ED ₅₀ for this effect is <50 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Formulation	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Note	Please use within one month after protein reconstitution.



SDS-PAGE analysis of recombinant human Neurturin

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