

Neurotrophin-4 Protein, Human (His)

Cat. No.:	HY-P701335
Synonyms:	rHuNT-4; NT-5; NTF4; NTF5; NT4
Species:	Human
Source:	E. coli
Accession:	P34130 (V82-A210)
Gene ID:	4909
Molecular Weight:	19 kDa

PROPERTIES

Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.22 μ m filtered solution of 10 mM Tris-HCl, 1 mM EDTA, 6% Trehalose, pH 8.0.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Neurotrophin-4 (NT-4) protein operates as a crucial target-derived survival factor specifically for peripheral sensory sympathetic neurons. Its pivotal role lies in supporting the survival and maintenance of these neurons, emphasizing NT-4's significance in promoting the health and functionality of peripheral sensory sympathetic neurons. The specific and targeted action of NT-4 underscores its role as a neurotrophic factor, playing a key part in the intricate mechanisms that govern the survival and well-being of peripheral neurons within the sympathetic nervous system.
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Caution: Product has not been fully validated for medical applications. For research use only.

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