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Datasheet for ABIN7505519

**Nerve Growth Factor Protein (NGF) (AA 122-241) (His tag)**

## Overview

Quantity:	100 µg
Target:	Nerve Growth Factor (NGF)
Protein Characteristics:	AA 122-241
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Nerve Growth Factor protein is labelled with His tag.

## Product Details

Sequence:	Ser 122-Gly 241
Characteristics:	A DNA sequence encoding the Rat Ngf protein (P25427) (Ser 122-Gly 241) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Nerve Growth Factor (NGF)
Alternative Name:	Ngf ( <a href="#">NGF Products</a> )
Background:	<p>Background: NGF is a well-characterized neurotrophic protein that plays a critical role in the development of sympathetic and some sensory neurons in the peripheral nervous system. In addition, NGF can also act in the central nervous system as a trophic factor for</p> <p>Synonym: Beta nerve growth factor precursor,beta-nerve growth factor,betaNGF,beta-</p>

## Target Details

	NGF,HSAN5,MGC161426,nerve growth factor (beta polypeptide),nerve growth factor,beta subunit,NGFB,NGFBMGC161428
Molecular Weight:	13.09 kDa
UniProt:	<a href="#">P25427</a>
Pathways:	<a href="#">Regulation of Cell Size</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months