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Datasheet for ABIN7505449

**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:                       | Mouse  |
| 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 Mouse NGF/NGFB/beta-NGF protein (P01139) (Ser 122-Gly 241) was expressed with 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 the first member discovered in the Neurotrophin family, which includes brain-derived neurotrophic factor (BDNF), neurotrophin-3 (NT-3), and neurotrophin-4 (NT-4). These proteins belong to the cysteine-knot family of growth factors that assume stable structure.</p> <p>Synonym: Beta-Nerve Growth Factor, Beta-NGF, NGF, NGFB</p> |

### Target Details

|                   |   |
|-------------------|---|
| Molecular Weight: | 13.09 kDa                               |
| UniProt:          | <a href="#">P01139</a>                  |
| Pathways:         | <a href="#">Regulation of Cell Size</a> |

### Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

### 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.<br>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  |