

[Go to Product page](#)

## Datasheet for ABIN7489071 NGFB Protein

### Overview

|               |               |
|---------------|---------------|
| Quantity:     | 50 µg         |
| Target:       | NGFB          |
| Origin:       | Mouse         |
| Source:       | HEK-293 Cells |
| Protein Type: | Recombinant   |

### Product Details

|                  |   |
|------------------|---|
| Purpose:         | ActiveMax® Mouse Beta-NGF Protein, Tag Free (MALS verified)   |
| Sequence:        | Ser 122 - Gly 241   |
| Characteristics: | ActiveMax® Mouse Beta-NGF Protein, Tag Free is expressed from human 293 cells (HEK293).<br>It contains AA Ser 122 - Gly 241 (Accession # P01139). |
| Purity:          | 95 %  |
| Endotoxin Level: | 0.1 EU per µg   |
| Grade:           | MALS verified   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | NGFB   |
| Alternative Name: | Beta-NGF ( <a href="#">NGFB Products</a> )   |
| Background:       | Nerve growth factor beta (beta-NGF) is a neurotrophic factor that plays critical role in the development and maintenance of sensory and sympathetic neurons. The active form of human beta-NGF is is a noncovalently disulfide-linked homodimer, which is secreted and signals |

## Target Details

through the low affinity nerve growth factor receptor (LNGFR) and the tropomyosin receptor kinase A (TrkA) to activate PI3K, Ras, and PLC signaling pathways.

Molecular Weight: 13.5 kDa

Pathways: [NF-kappaB Signaling](#), [RTK Signaling](#), [Regulation of Cell Size](#)

## Application Details

Comment: This protein carries no "tag". The protein has a calculated MW of 13.5 kDa. The protein migrates as <14 kDa under reducing (R) condition (SDS-PAGE).

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Buffer: 20 mM NaAC, 150 mM NaCl, pH 5.5

Storage: -20 °C

Storage Comment: -20°C