9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

# bNGF Human, CHO

*Beta-Nerve Growth Factor Human Recombinant, CHO*
*NTR0009*

## Product Overview

| | |
|---|---|
| Name | bNGF Human, CHO |
| **Description** | |
| Beta-Nerve Growth Factor Human Recombinant, CHO | |
| Accession (Primary) | P01138 |
| **Synonyms** | |
| BCL2/Adenovirus E1B 19kDa Interacting Protein 1, NIP1, BCL2/Adenovirus E1B 19 KDa Protein-Interacting Protein 1, Transformation-Related Gene 8 Protein, TRG-8, BCL2/Adenovirus E1B 19kD-Interacting Protein 1, Vesicle Transport Protein SEC20, SEC20L, SEC20, Vesicle transport protein SEC20. | |
| **Introduction** | |
| BNIP1 belongs to the of the BCL2/adenovirus E1B 19 kd-interacting protein (BNIP) family. BNIP1 interacts with the E1B 19 kDa protein, which defends cells from virally-induced cell death. In addition, BNIP1 interacts with E1B 19 kDa-like sequences of BCL2 which is an additional apoptotic protector. Adding up, BNIP1 is implicated in vesicle transport into the endoplasmic reticulum. Alternative splicing results of BNIP1 in four protein products with identical N- and C-termini have been found. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| BNIP1 protein solution (1.0 mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 95% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS MAAPQDV HVRICNQEIV KFDLEVKALI QDIRDCSGPL SALTELNTKV KEKFQQLRHR IQDLEQLAKE QDKESEKQLL LQEVENHKKQ MLSNQASWRK ANLTCKIAID NLEKAELLQG | |

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

GDLLRQRKTT KESLAQTSST ITESLMGISR MMAQQVQQSE EAMQSLVTSS RTILDANEEF KSMSGTIQLG RKLITKYNRR EL.

**Precautions**

bNGF Human, CHO is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( P01138 )