

# Product Datasheet

## Recombinant Human beta-NGF Protein NBP1-99534

Unit Size: 0.02 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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Updated 5/13/2019 v.20.1

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**NBP1-99534**

## Recombinant Human beta-NGF Protein

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.02 mg   |
| Concentration               | Lyoph   |
| Storage                     | Store at -20 to -80C. Avoid freeze-thaw cycles.   |
| Reconstitution Instructions | Reconstitute in dH <sub>2</sub> O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for long-term storage. |
| Purity                      | >98%, by SDS-PAGE   |
| Buffer                      | Sterile filtered and then lyophilized in 30 mM Sodium Acetate, pH 5.5 containing 1% HAS.  |
| Target Molecular Weight     | 16.95 kDa   |

| Product Description      |   |
|--------------------------|---|
| Description              | <p>Recombinant bioactive protein for Human beta-NGF</p> <p><b>Source:</b> CHO cells<br/> <b>Amino Acid Sequence:</b> (P01138)</p> |
| Gene ID                  | 4803  |
| Gene Symbol              | NGF   |
| Species                  | Human   |
| Preparation Method       | Determined to be >98% pure by SDS-PAGE  |
| Details of Functionality | The ED <sub>50</sub> as determined using PC12 cell line is 1.2-2 ng/ml and using DRG cell line is 0.8-1.5 ng/ml.                  |
| Endotoxin Note           | <0.1 ng/ug  |

| Product Application Details |                       |
|-----------------------------|-----------------------|
| Applications                | SDS-Page, Bioactivity |
| Recommended Dilutions       | SDS-Page, Bioactivity |





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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