

## NGF beta, Mouse Native

<b>Catalog No.</b>	CRN006A CRN006B CRN006C	<b>Quantity:</b>	5 µg 20 µg 1 mg
<b>Description:</b>	Native Mouse beta-NGF produced in the Sub maxillary Gland of grown mouse is a homodimer, non-glycosylated, polypeptide chain containing 2 identical 120 amino acid chains.		
<b>Source:</b>	Sub maxillary gland of grown mouse		
<b>Molecular Weight:</b>	13.471 kDa per each of two chains		
<b>Formulation:</b>	Lyophilized from a sterile filtered solution containing 5% mannitol + 1% HSA.		
<b>Purity:</b>	>98.0% as determined by RP-HPLC and SDS-PAGE analyses.		
<b>Endotoxin Level:</b>	<0.1 ng/µg of protein.		
<b>Biological Activity:</b>	The method used to test the bioassay is the NGF-dependent survival of dorsal root ganglia neurons of chick embryo, corresponding to a specific activity of $5 \times 10^5$ Units/mg.		
<b>Specific Activity:</b>	$5 \times 10^5$ Units/mg		
<b>Amino Acid Sequence:</b>	The sequence of the first five N-terminal amino acids is Ser-Ser-Thr-His-Pro.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	Lyophilized protein is stable at room temperature for 3 weeks, but it is recommended to store the lyophilized product desiccated at -20°C to -80°C. Upon reconstitution, protein should be stored at 2-4°C for one week and for future use at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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