



## Recombinant Mouse NGF-b

## Datasheet

**Catalog Number:** PR27003

**Product Type:** Recombinant Protein

**Source:** Submaxillary Gland of Grown Mouse

**Amino Acid Sequence:** The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Ser-Thr-His-Pro.

**Description/Molecular Mass:** NGF beta Mouse produced in Submaxillary Gland of Grown Mouse is a homodimer, non-glycosylated, polypeptide chain containing 2 identical 120 amino acids and having a molecular mass of 13,471 Dalton each. The NGF beta Mouse is purified by advanced biology purification technology.

**Biological Activity:** Activity was Measured in a cell proliferation assay using a factor-dependent human erythroleukemic cell line, TF-1, the ED<sub>50</sub> for this effect is typically 0.3 - 1 ng/ml corresponding to a Specific Activity of 1 x 10<sup>6</sup> IU/mg.

**Purity:** Greater than 99.6% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Analysis by SDS-PAGE.

**Format:** Sterile Filtered colorless solution at a concentration of 0.61 mg/ml. The protein 0.2µm filtered solution contains 50mM PBS and 150mM NaCl.

**Storage:** Nerve Growth Factor beta Mouse although stable at 14°C for 2 weeks, should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid freeze-thaw cycles.**

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