

# Recombinant Mouse $\beta$ -NGF/NGFB Protein

RPES3849

## Description

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This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

## Protein Information

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**SKU:** RPES3849

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Contents:** 50 $\mu$ g, 10 $\mu$ g  
Bradford Reagent: 1 vial (2ml)

**Concentration:** -

**Species:** Mouse

**Endotoxin:** < 1.0 EU per  $\mu$ g of the protein as determined by the LAL method.

**Synonyms:** Beta-NGF, Beta-Nerve Growth Factor, NGF, NGFB

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.  
Store Bradford Reagent at Room Temperature for 1 year.

**Tag:** None

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Expression Host:** E.coli

**Bio-Activity:** Measured in a cell proliferation assay using TF- 1 human erythroleukemic cells. The ED50 for this effect is 68.52 ng/ml.

**Calculated MW:** 12.4 kDa

**Formulation:** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM PB, 200mM NaCl, pH 8.0. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

**Observed MW:** 13 kDa

**Reconstitution:** Please refer to the printed manual for detailed information. Measured in a cell proliferation

**Manufacturers Statement:** This final kit system is assembled and quality-released by Assay Genie Limited.

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**Accession:** P01139

**Source:** E.coli-derived Mouse  $\beta$ -NGF/NGFB protein Met130-Arg239

**Sequence:** Met130-Arg239

**Form:** Lyophilized powder

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

**Notes:** Centrifuge before opening to ensure complete recovery of vial contents.