

RPPB0787

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## Product Information    Protein Information

**Product SKU:**

RPPB0787

**Host:**

Escherichia Coli.

**Protein description:**

Neuroglobin Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (1-151a.a) and having a molecular mass of 18kDa. NGB is fused to 10 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

NGB.

**Formulation:**

NGB is Filtered (0.4µm) and lyophilized from 0.5mg/ml in phosphate buffered saline.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Neuroglobin is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHAS MERPEPELIR QSWRAVSRSP LEHGTVLFR LFALEPDLLP LFQYNCRQFS SPEDCLSSPE  
FLDHIRKVML VIDAAVTNVE DLSSLEEYLA SLGRKHRAVG VKLSSFSTVG ELLYMLEKC LGPAFTPATR  
AAWSQLYGAV VQAMSRGWDG E.