

PRODUCT DATA SHEET

Neuroglobin Human E. coli Tag free

Cat. No.: RD172043100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

NGB

Description:

Total 151 AA. MW: 17 kDa (calculated). UniProtKB acc.no. Q9NPG2. 150 AA of recombinant human Neuroglobin and one extra AA, N-terminal methionin.

Amino Acid Sequence:

MERPEPELIR QSWRAVSRSP LEHGTVLFAR LFALEPDLLP LFQYNCRQFS SPEDCLSSPE
FLDHIRKVML VIDAAVTNVE DLSSLEEYLA SLGRKHRAVG VKLSSFSTVG ESLLYMLEKC
LGPAPFPATR AAWSQLYGAV VQAMSRGWDG E

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0,4 μm) and lyophilized in 0.5 mg/mL in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.