

## Neuroglobin Human Recombinant

<b>Item Number</b>	rAP-2700
<b>Synonyms</b>	NGB.
<b>Description</b>	17kDa protein containing 151 amino acid residues of the Neuroglobin human.
<b>Uniprot Accession Number</b>	Q9NPG2
<b>Amino Acid Sequence</b>	MERPEPELIR QSWRAVSRSP LEHGTVLFAR LFALEPDLLP LFQYNCRQFS SPEDCLSSPE FLD-HIRKVML VIDAAVTNVE DLSSLEEYLA SLGRKHRAVG VKLSSFSTVG ELLLYMLEKC LGPAFTPATR AAWSQLYGAV VQAMSRGWDG E.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	Filtered and lyophilized from 0.5mg/ml in 0.05M phosphate buffer, 0.1M NaCl, pH 7.2. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	Add 0.2 ml of H <sub>2</sub> O and let the lyophilized pellet dissolve completely.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**