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DATASHEET

Recombinant human Neuroglobin / NGB protein

Product overview

Name	Recombinant human Neuroglobin / NGB protein
Cat No	HB7086
Biological description	Tissue globin with a high affinity for oxygen. It is widely expressed in neurons of vertebrate's CNS and PNS. Shows neuroprotective effects.
Species of origin	human
Alternative names	Recombinant Human Neuroglobin, NGB.
Biological action	Activator
Purity	>95%
Description	Tissue globin widely expressed in neurons CNS and PNS

Solubility & Handling

Solubility overview	Add 0.2 ml of water and allow the lyophilized material to dissolve
Handling	<ul style="list-style-type: none">• Solutions should be made in sterile deionized water (not less than 100 µg/ml). This solution can then be further diluted with other aqueous solutions.• Following reconstitution, solutions may be stored at 4°C and are useable for around 2-7 days and for future use store at -18°C.• Freeze-thaw cycles should be prevented.
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

UniProt ID	Q9NPG2
Source	E. Coli.
Appearance	White lyophilized powder (Filtered & freeze-dried)
Formulation	Lyophilized from a filtered 0.5mg/ml solution in 50mM phosphate buffer, 0.1M NaCl (pH 7.2)

References

Neuroglobin: From structure to function in health and disease

Ascenzi P *et al* (2016) Mol Aspects Med 52
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Neuroprotective roles and mechanisms of neuroglobin

Yu Z *et al* (2009) Neurol Res 31(2)
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Neuroglobin, a Factor Playing for Nerve Cell Survival

Guidolin D *et al* (2016) Int J Mol Sci 17(11)

