

Recombinant Human NGB Protein, GST-tagged

Cat. No. NGB-1025H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NGB Protein (1 - 151 aa) was expressed in E. coli with GST tag.
Species	Human
Source	E.coli
ProteinLength	1-151 a.a.
Description	This gene encodes an oxygen-binding protein that is distantly related to members of the globin gene family. It is highly conserved among other vertebrates. It is expressed in the central and peripheral nervous system where it may be involved in increasing oxygen availability and providing protection under hypoxic/ischemic conditions.
Form	Lyophilized Powder
AA sequence	MERPEPELIRQSWRAVSRSPLEHGTVLFARLFALPDLLPLFQYNCRQFSSPEDCLS SPEFLDHIRKVMLVIDAAVTNVEDLSSLEEYLASLGRKHRAVGVKLSSFSTVGESLLY MLEKCLGPAFTPATRAAWSQLYGAVVQAMSRGWDGE
Purity	95% by SDS-PAGE
Storage buffer	Sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.)
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage

GENE INFORMATION

Gene Name NGB neuroglobin [Homo sapiens]

Official Symbol NGB

Synonyms neuroglobin

Gene ID 58157

mRNA Refseq NM_021257

Protein Refseq NP_067080

MIM 605304

UniProt ID Q9NPG2

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