

Recombinant Human NGB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NGB-1854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NGB MS Standard C13 and N15-labeled recombinant protein (NP_067080) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	16.9 kDa
AA Sequence	MERPEPELIRQSWRAVSRSPLEHGTVLFARLFALPDLLPLFQYNCRQFSSPEDCLS SPEFLDHIRKVMLVIDAAVTNVEDLSSLEEYLASLGRKHRAVGVKLSSFSTVGESLLY MLEKCLGPAFTPATRAAWSQLYGAVVQAMSRGWDGETRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

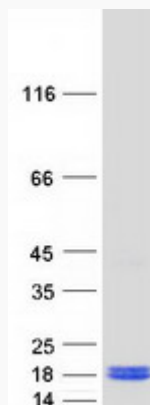
GENE INFORMATION

Gene Name	NGB neuroglobin [Homo sapiens (human)]
Official Symbol	NGB
Synonyms	NGB; neuroglobin; neuroglobin
Gene ID	58157
mRNA Refseq	NM_021257
Protein Refseq	NP_067080
MIM	605304
UniProt ID	Q9NPG2

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SDS-PAGE

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