

NGB (Human) Recombinant Protein

Catalog # P8957

Size 2 x 10 ug

Specification

Product Description	Human NGB (Q9NPG2, 1 a.a. - 151 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in <i>Escherichia coli</i> .
Sequence	MKHHHHHHASMERPEPELIRQSWRAVSRSPLEHGTVLFARLFALPDLLPLFQYNCRQFSSPED CLSSPEFLDHIRKVMLVIDAAVTNVEDLSSLEEYLASLGRKHRAVGVKLSSFSTVGESLLYMLEKC LGPAFTPATRAAWSQLYGAVVQAMSRGWDGE.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	18
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS PAGE
Storage Buffer	Lyophilized from phosphate buffered saline.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — NGB

Entrez GeneID	58157
Protein Accession#	Q9NPG2
Gene Name	NGB

Gene Alias	-
Gene Description	neuroglobin
Omim ID	605304
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Disease

- [Atherosclerosis](#)
- [Brain Injuries](#)
- [Brain Ischemia](#)
- [Stroke](#)