



## Neuroglobin (Ngb)

Cat. #NB04

Source: *Escherichia coli*

Type: recombinant murine

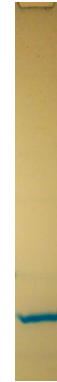
MW 17,641 g/mol (holo monomer)

<sup>a</sup>Activities: O<sub>2</sub>-binding hemoglobin

Purity: estimated at  $\geq 95\%$ , A<sub>412</sub>/A<sub>280</sub> ratio of  $\geq 3.0$

Heme content:  $\geq 0.6$  mol per mol protein

Supplied as a salt-free lyophilisate



SDS-PAGE gel

<sup>a</sup>Activities and proposed functions include nitric-oxide dioxygenase, oxidase, peroxidase, cytochrome *c* reduction, heterotrimeric G $\alpha$  protein guanine nucleotide dissociation inhibitor (1-3).

Special notes: Store lyophilisate in dessicated container at  $\leq -20$  °C. Resuspend in buffer and store frozen at  $\leq 20$  °C. Stable to freeze-thaw cycles at 10 mg/mL.

**For in vitro use only not for use in humans.**

### References

1. Burmester, T., and Hankeln, T. (2009) *J. Exp. Biol.* **212**, 1423-1428
2. Gardner, A. M., Cook, M. R., and Gardner, P. R. (2010) *J. Biol. Chem.* **285**, 23850-23857
3. Brunori, M., Giuffre, A., Nienhaus, K., Nienhaus, G. U., Scandurra, F. M., and Vallone, B. (2005) *Proc. Natl. Acad. Sci. U.S.A.* **102**, 8483-8488

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