

Recombinant Mouse Nos1 Protein, Myc/DDK-tagged

Cat. No. Nos1-4460M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nitric oxide synthase 1, neuronal (Nos1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Produces nitric oxide (NO) which is a messenger molecule with diverse functions throughout the body. In the brain and peripheral nervous system, NO displays many properties of a neurotransmitter. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR. Isoform NNOS Mu may be an effector enzyme for the dystrophin complex.
Molecular Mass	160.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Nos1 nitric oxide synthase 1, neuronal [Mus musculus (house mouse)]
Official Symbol	Nos1
Synonyms	NOS1; nitric oxide synthase 1, neuronal; nitric oxide synthase, brain; N-NOS; NC-NOS; NOS type I; neuronal NOS; constitutive NOS; neuronal nitric oxide synthase; peptidyl-cysteine S-nitrosylase NOS1; NO; bNOS; nNOS; NOS-I; Nos-1; 2310005C01Rik
Gene ID	18125
mRNA Refseq	NM_008712
Protein Refseq	NP_032738
UniProt ID	Q9Z0J4

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA