

## Nitric oxide synthase, brain

Catalog No: #AP78598

Package Size: #AP78598-1 50ug #AP78598-2 100ug #AP78598-3 1mg

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## Description

Product Name	Nitric oxide synthase, brain
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	755-935AA
Other Names	Bnos,BNOS,Constitutive NOS,NC-NOS,NOS type I,Neuronal NOS,Peptidyl-cysteine S-nitrosylase NOS1,N-NOS
Accession No.	P29476Gene name:Nos1
Uniprot	P29476
GeneID	24598;
Calculated MW	19.91
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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. Inhibitory transmitter for non-adrenergic and non-cholinergic nerves in the colorectum. Probably has nitrosylase activity and mediates cysteine S-nitrosylation of cytoplasmic target proteins such SRR. Inhibitory transmitter for non-adrenergic and non-cholinergic nerves in the colorectum.

## References

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Note: This product is for in vitro research use only