Recombinant Rat Nos1 protein, His-tagged

Cat. No. Nos1-7741R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nos1 aa. (Gln9~Ser136 (Accession # P29476)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln9~Ser136
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 15.2kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.1.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

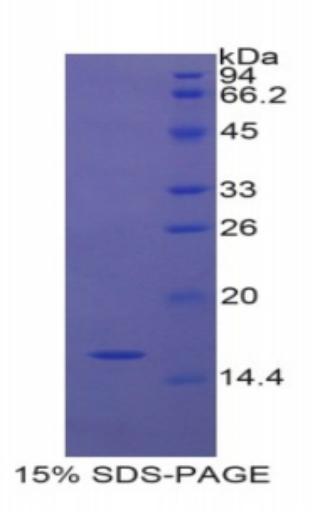
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Nos1 nitric oxide synthase 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Nos1
Synonyms	bNOS; N-NOS; NC-NOS; NOS type I; constitutive NOS; nNOS; neuronal NOS; nitric oxidase synthase; nitric oxide synthase 1, neuronal; peptidyl-cysteine S-nitrosylase NOS1; nitric oxide synthase, brain
Gene ID	24598
mRNA Refseq	NM_052799.1
Protein Refseq	NP_434686.1
UniProt ID	P29476

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SDS-PAGE	

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