

Recombinant Rat Nos2 protein, His-tagged

Cat. No. Nos2-7800R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nos2 aa. (Ala518~Arg694 (Accession # Q06518)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala518~Arg694
Description	Cytokine-inducible enzyme involved in nitric oxide (NO) production.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

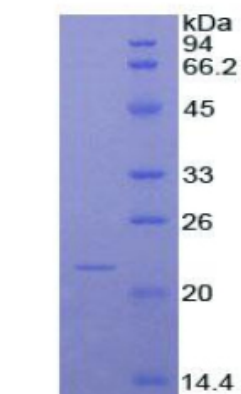
GENE INFORMATION

Gene Name	Nos2 nitric oxide synthase 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Nos2
Synonyms	Nos2; nitric oxide synthase 2; iNos; Nos2a; nitric oxide synthase, inducible; NOS type II; inducible NO synthase; inducible NOS; inducible nitric oxide synthase; nitric oxide synthase 2, inducible, macrophage; peptidyl-cysteine S-nitrosylase NOS2
Gene ID	24599
mRNA Refseq	NM_012611.3
Protein Refseq	NP_036743.3
UniProt ID	Q06518

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SDS-PAGE**15% SDS-PAGE**

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