

Recombinant Mouse Nos1 protein, His-tagged

Cat. No. Nos1-7737M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nos1 aa. (Glu53~Pro247 (Accession # Q9Z0J4)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu53~Pro247
Form	Freeze-dried powder
Molecular Mass	25kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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, pH 7.4, containing 5% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

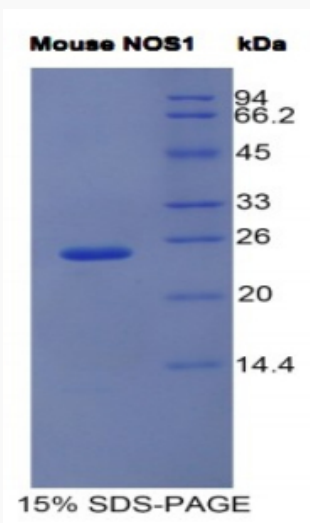
Gene Name	Nos1 nitric oxide synthase 1, neuronal [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nos1
Synonyms	NO; NOS; bNOS; nNOS; N-NOS; NOS-I; Nos-1; NC-NOS; 2310005C01Rik; NOS type I; constitutive NOS; neuronal NOS; neuronal nitric oxide synthase; peptidyl-cysteine S-nitrosylase NOS1; nitric oxide synthase, brain
Gene ID	18125
mRNA Refseq	NM_008712.3
Protein Refseq	NP_032738.1
UniProt ID	Q9Z0J4

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SDS-PAGE



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