

Recombinant Mouse Nos1 protein, His-tagged

Cat. No. Nos1-7739M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nos1 aa. (Phe691~Met826) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Phe691~Met826
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 7.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
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

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

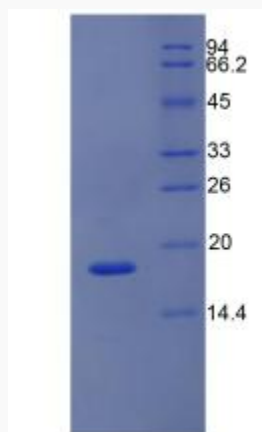
Gene Name	Nos1 nitric oxide synthase 1, neuronal [Mus musculus (house mouse)]
Official Symbol	Nos1
Synonyms	NO; NOS; bNOS; nNOS; N-NOS; NOS-I; Nos-1; NC-NOS; 2310005C01Rik; NOS type I; constitutive NOS; neuronal NOS; neuronal nitric oxide synthase; peptidyl-cysteine S-nitrosylase NOS1; nitric oxide synthase, 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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