

Recombinant Mouse Nos2 Protein, Myc/DDK-tagged

Cat. No. Nos2-4461M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length nitric oxide synthase 2, inducible (Nos2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase that is inducible by a combination of lipopolysaccharide and certain cytokines. Three transcript variants encoding two different isoforms have been found for this gene.
Molecular Mass	131 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Nos2 nitric oxide synthase 2, inducible [Mus musculus (house mouse)]
Official Symbol	Nos2
Synonyms	NOS2; nitric oxide synthase 2, inducible; nitric oxide synthase, inducible; MAC-NOS; NOS type II; inducible NOS; macrophage NOS; inducible NO synthase; inducible nitric oxide synthase; peptidyl-cysteine S-nitrosylase NOS2; nitric oxide synthase 2, inducible, macrophage; iNOS; Nos-2; Nos2a; i-NOS; NOS-II
Gene ID	18126
mRNA Refseq	NM_010927
Protein Refseq	NP_035057
UniProt ID	P29477

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