

Active Recombinant Full Length Mouse Nos2 Protein

Cat. No. Nos2-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active recombinant mouse iNOS protein was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-1144 aa
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.
Form	50 mM HEPES, pH 7.4, with 10% glycerol, 8 µM BH4, 0.08 mM DTT, 2% protease inhibitor cocktail (EDTA free), and 0.05% nuclease
Molecular Mass	130 kDa
Storage	At -80 centigrade. Stability: ≥ 9 months

GENE INFORMATION

Gene Name	Nos2 nitric oxide synthase 2, inducible [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Nos2
Synonyms	Nos2; nitric oxide synthase 2, inducible; iNOS; Nos-2; Nos2a; i-NOS; NOS-II; MAC-NOS; nitric oxide synthase, inducible; NOS type II; inducible NO synthase; inducible NOS; inducible nitric oxide synthase; macrophage NOS; nitric oxide synthase 2, inducible, macrophage; peptidyl-cysteine S-nitrosylase NOS2; EC 1.14.13.39
Gene ID	18126
mRNA Refseq	NM_010927
Protein Refseq	NP_035057
UniProt ID	P29477
Activity	