

Recombinant Human NOS2 protein(1-200aa), GST-tagged

Cat. No. NOS2-4982H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOS2 protein(P35228)(1-200aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-200aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	49.2 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

MACPWKFLFKTKFHQYAMNGEKDINNNVEKAPCATSSPVTQDDLQYHNLSKQQNE
 SPQPLVETGKKSPESLVKLDATPLSSPRHVRIKNWGSGMTFQDTLHHKAKGILTCRS
 KSCLGSIIMTPKSLTRGPRDKPTPPDELLPQAIEFVNQYYGSFKEAKIEEHLARVEAVT
 KEIETTGTYQLTGDELIFATKQAWRNAPRC

GENE INFORMATION

Gene Name NOS2 nitric oxide synthase 2, inducible [Homo sapiens]

Official Symbol NOS2

Synonyms NOS2; nitric oxide synthase 2, inducible; nitric oxide synthase 2A (inducible, hepatocytes) , NOS2A; nitric oxide synthase, inducible; HEP NOS; iNOS; NOS; NOS type II; NOS, type II; inducible NOS; hepatocyte NOS; inducible NO synthase; nitric oxide synthase, macrophage; peptidyl-cysteine S-nitrosylase NOS2; nitric oxide synthase 2A (inducible, hepatocytes); INOS; NOS2A; HEP-NOS;

Gene ID 4843

mRNA Refseq NM_000625

Protein Refseq NP_000616

MIM 163730

UniProt ID P35228

SDS-PAGE

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