

Recombinant Human NOS3 Protein, GST-tagged

Cat. No. NOS3-5993H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOS3 partial ORF (AAH63294.1, 61 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Molecular Mass	36.63 kDa
AA Sequence	QPPEGPKFPRVKNWEVGSITYDTLSAQAQQDGPCTPRRCLGSLVFPRKLQGRPSP GPPAPEQLLSQARDFINQYYSSIKRSGSQAHEQRLQEVEAEVAAT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name NOS3 nitric oxide synthase 3 (endothelial cell) [Homo sapiens]

Official Symbol NOS3

Synonyms NOS3; nitric oxide synthase 3 (endothelial cell); nitric oxide synthase, endothelial; ECNOS; endothelial nitric oxide synthase; eNOS; cNOS; EC-NOS; NOSIII; NOS type III; endothelial NOS; constitutive NOS;

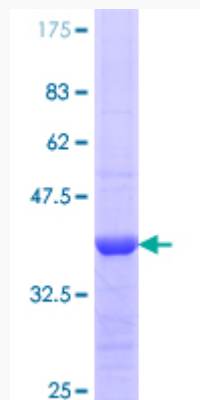
Gene ID 4846

mRNA Refseq NM_000603

Protein Refseq NP_000594

UniProt ID P29474

Quality Control Testing:



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12.5% SDS-PAGE Stained with Coomassie Blue.

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