Recombinant Pig NOS3 protein, His-tagged

Cat. No. NOS3-7859P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig NOS3 aa. (Arg758~Pro1004 (Accession # Q28969)) fused with N-terminal His tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Arg758~Pro1004
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.1.
Applications	SDS-PAGE; WB; ELISA; IP
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 than 5% within the expiration date under appropriate storage condition.

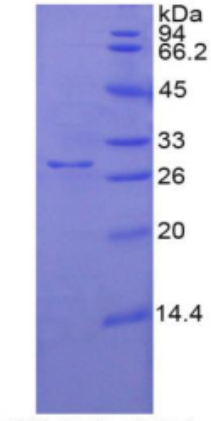
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	NOS3 nitric oxide synthase 3 [Sus scrofa (pig)]
Official Symbol	NOS3
Synonyms	NOS3; NOS; cNOS; eNOS; EC-NOS; NOSIII; nitric oxide synthase, endothelial; NOS type III; constitutive NOS; endothelial NOS; endothelial nitric oxide synthase
Gene ID	397557
mRNA Refseq	NM_214295.1
Protein Refseq	NP_999460.1
UniProt ID	Q28969

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SDS-PAGE	 15% SDS-PAGE

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