

Recombinant Mouse Nos3 protein, His-tagged

Cat. No. Nos3-7857M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nos3 aa. (Glu888~Pro1001 (Accession # P70313)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Glu888~Pro1001
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
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, endothelial cell [<i>Mus musculus</i> (house mouse)]
Official Symbol	Nos3
Synonyms	Nos3; nitric oxide synthase 3, endothelial cell; eNOS; Nos-3; ecNOS; 2310065A03Rik; nitric oxide synthase, endothelial; EC-NOS; NOS type III; NOSIII; cNOS; constitutive NOS; endothelial NOS; endothelial nitric oxide synthase
Gene ID	18127
mRNA Refseq	NM_008713.4
Protein Refseq	NP_032739.3
UniProt ID	P70313

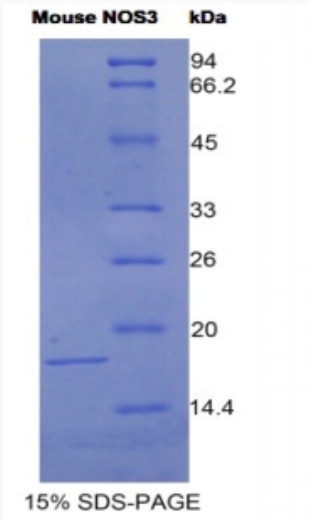
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SDS-PAGE



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