

Recombinant Rat Nox1 protein, His & T7-tagged

Cat. No. Nox1-2796R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nox1 aa. (Arg291~Arg544 (Accession # Q9WV87)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg291~Arg544
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 8.9.
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

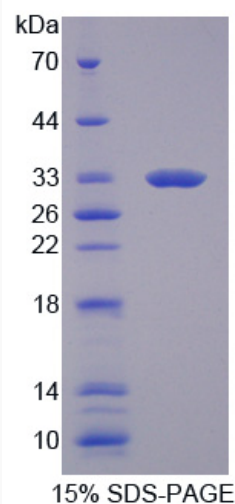
Gene Name	Nox1 NADPH oxidase 1 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Nox1
Synonyms	MOX-1; MOX1; NADH/NADPH mitogenic oxidase subunit p65-mox; NOH-1; NOX-1; mitogenic oxidase 1; NADPH oxidase 1
Gene ID	114243
mRNA Refseq	NM_053683.1
Protein Refseq	NP_446135.1
UniProt ID	Q9WV87

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SDS-PAGE



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