

Recombinant Rat Nostrin protein, His & T7-tagged

Cat. No. Nostrin-632R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nostrin aa. (Met1~His245 (Accession# Q5I0D6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~His245
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

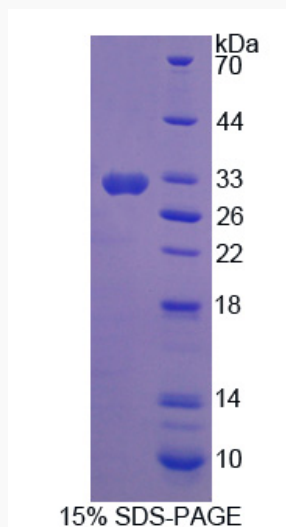
Gene Name	Nostrin nitric oxide synthase trafficking [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Nostrin
Synonyms	Nostrin; nitric oxide synthase trafficking; nostrin; BM247; eNOS-trafficking inducer; nitric oxide synthase trafficker
Gene ID	311111
mRNA Refseq	NM_001024260.1
Protein Refseq	NP_001019431.1
UniProt ID	Q5I0D6

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SDS-PAGE



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