

Recombinant Rat Sod3 protein, His & T7-tagged

Cat. No. Sod3-778R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sod3 aa. (Ser16~Thr244 (Accession # Q08420)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser16~Thr244
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.
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, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

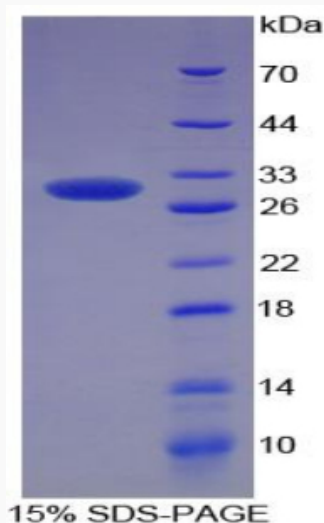
Gene Name	Sod3 superoxide dismutase 3 [Rattus norvegicus (Norway rat)]
Official Symbol	Sod3
Synonyms	ECSODPT; EC-SOD; Superoxide dimutase 3; extracellular superoxide dismutase; superoxide dismutase 3, extracellular; superoxide dismutase B; extracellular superoxide dismutase [Cu-Zn]
Gene ID	25352
mRNA Refseq	NM_012880.1
Protein Refseq	NP_037012.1
UniProt ID	Q08420

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SDS-PAGE



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