

## Recombinant Rabbit SOD1 protein, His-tagged

Cat. No. SOD1-2027R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rabbit SOD1 aa. (Ala2~Pro153 (Accession # P09212)) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Rabbit
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2~Pro153
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 16.9kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.2.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**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, 0.05% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

SOD1 superoxide dismutase 1 [ *Oryctolagus cuniculus* (rabbit) ]

**Official Symbol**

SOD1

**Synonyms**

Abcb7; ATP-binding cassette, sub-family B (MDR/TAP), member 7; Abc7; AA517758; AU019072; ATP-binding cassette sub-family B member 7, mitochondrial; ABC transporter 7 protein; ATP-binding cassette 7; ATP-binding cassette transporter 7

**Gene ID**

100009313

**mRNA Refseq**

NM\_001082627.1

**Protein Refseq**

NP\_001076096.1

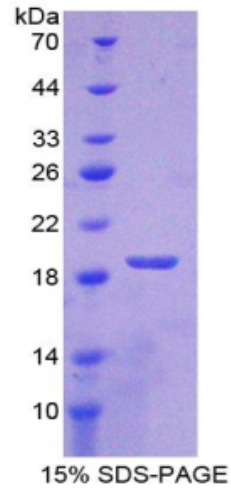
**UniProt ID**

P09212

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SDS-PAGE

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