

Recombinant Rabbit SOD1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rabbit SOD1 aa. (Ala2~Pro153 (Accession # P09212)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rabbit
Source	E.coli
ProteinLength	Ala2~Pro153
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	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

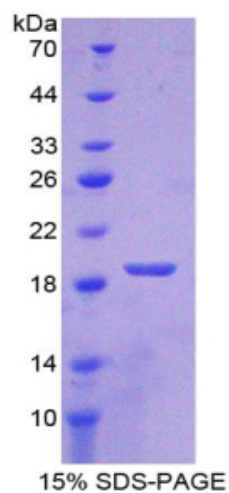
UniProt ID

P09212

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SDS-PAGE

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