

Recombinant Rat Sod1 protein, His-SUMO-tagged

Cat. No. Sod1-4632R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Sod1 protein(P07632)(2-154aa), fused with N-terminal His tag and SUMO tag, was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	2-154aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	28.7 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

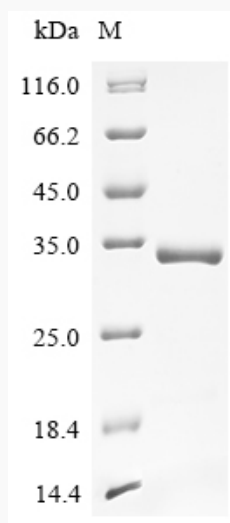
AA Sequence

AMKAVCVLKGDGPVQGVHFEQKASGEPVVVSGQITGLTEGEHGFHVHQYGDNTQ
 GCTTAGPHFNPHSKKHGGPADEERHVGDLGNVAAGKDGVANVSIEDRVISLSGEHS
 IIGRTMVVHEKQDDLKGKGGNEESTKTGNAGSRLACGVIGIAQ

GENE INFORMATION

Gene Name	Sod1 superoxide dismutase 1, soluble [<i>Rattus norvegicus</i>]
Official Symbol	Sod1
Synonyms	SOD1; superoxide dismutase 1, soluble; superoxide dismutase [Cu-Zn]; CuZnSOD;
Gene ID	24786
mRNA Refseq	NM_017050
Protein Refseq	NP_058746

SDS-PAGE



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