

Active Recombinant Human Manganese Superoxide Dismutase/ SOD2 / MnSOD protein, Tag Free

Cat. No. SOD2-1181H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOD2 protein(P04179-1)(Lys25-Lys222) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys25-Lys222
Tag	Non
Form	Lyophilized from sterile PBS, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	≥10000 U/mg
Molecular Mass	22.3kDa
Endotoxin	≤5EU/mg
Purity	≥95%(SDS-PAGE)
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [SOD2 superoxide dismutase 2, mitochondrial \[Homo sapiens \]](#)

Official Symbol [SOD2](#)

Synonyms

SOD2; superoxide dismutase 2, mitochondrial; superoxide dismutase [Mn], mitochondrial; indophenoloxidase B; Mn superoxide dismutase; mangano-superoxide dismutase; manganese-containing superoxide dismutase; IPOB; MNSOD; MVCD6;

Gene ID [6648](#)

mRNA Refseq [NM_000636](#)

Protein Refseq [NP_000627](#)

MIM [147460](#)

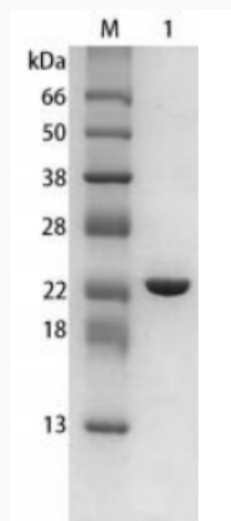
UniProt ID [P04179](#)

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SDS-PAGE



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