

Recombinant Human SOD2 protein(31-210 aa), C-His-tagged

Cat. No. SOD2-2540H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SOD2 protein(P04179)(31-210 aa), fused with C-terminal His tag, was expressed in E. coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 31-210 aa |
| Form | 0.15 M Phosphate buffered saline |
| Storage | Shipped on dry ice. Avoid repeated freeze-thaw cycles. Upon receipt, 2 days when stored at 2 to 8 °C after thawing. Up to 12 months when aliquoted and stored at -20 to -80°C. |
| 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. |
| AA Sequence | LPYDYGALPHINAQIMQLHHSKHHAAYVNNLNVTSEKYQEALAKGDVTAQIALQPA LKFNGGGHINHSIFWTNLSPNGGGGEPKGELLEAIKRDFGSFDKFKELTAASVGVQG SGWGWLGFNKERGHLQIAACPNDPLQGTGLIPLLIGIDVWEHAYYLQYKNVDPY LKAIWNVINW |

GENE INFORMATION

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| 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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