

## Recombinant Human SOD1 protein, His-tagged

Cat. No. SOD1-3544H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human SOD1protein(P00441)(169aa), fused with N-terminal His tag, was expressed in E. coli.                                                                        |
| Species          | Human                                                                                                                                                                         |
| Source           | E.coli                                                                                                                                                                        |
| ProteinLength    | 169aa(including fusion tag)                                                                                                                                                   |
| Tag              | N-His                                                                                                                                                                         |
| Form             | 20mM Tris.Cl, 50mM NaCl, 20% Glycerol, pH8.0.                                                                                                                                 |
| Molecular Mass   | 17.8kDa(including fusion tag)                                                                                                                                                 |
| Storage          | Store at -80°C and 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. |

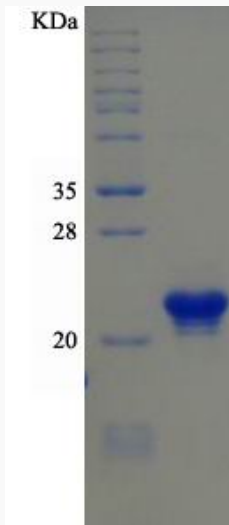
### GENE INFORMATION

|                 |                                                       |
|-----------------|-------------------------------------------------------|
| Gene Name       | SOD1 superoxide dismutase 1, soluble [ Homo sapiens ] |
| Official Symbol | SOD1                                                  |

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|                       |                                                                                                                                                                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>       | SOD1; superoxide dismutase 1, soluble; ALS, ALS1, amyotrophic lateral sclerosis 1 (adult); superoxide dismutase [Cu-Zn]; IPOA; SOD, soluble; indophenoloxidase A; Cu/Zn superoxide dismutase; superoxide dismutase, cystolic; ALS; SOD; ALS1; hSod1; homodimer; |
| <b>Gene ID</b>        | 6647                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>    | NM_000454                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b> | NP_000445                                                                                                                                                                                                                                                       |
| <b>MIM</b>            | 147450                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>     | P00441                                                                                                                                                                                                                                                          |
| <b>SDS-PAGE</b>       |                                                                                                                                                                             |