

## Recombinant Human SOD3, GST-tagged

Cat. No. SOD3-2874H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SOD3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-240aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	SOD3 superoxide dismutase 3, extracellular [ Homo sapiens ]
<b>Official Symbol</b>	SOD3
<b>Synonyms</b>	SOD3; superoxide dismutase 3, extracellular; extracellular superoxide dismutase [Cu-Zn]; EC SOD; EC-SOD; MGC20077;
<b>Gene ID</b>	6649

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<b>mRNA Refseq</b>	NM_003102
<b>Protein Refseq</b>	NP_003093
<b>MIM</b>	185490
<b>UniProt ID</b>	P08294
<b>Chromosome Location</b>	4pter-q21
<b>Pathway</b>	Folate Metabolism, organism-specific biosystem; Oxidative Stress, organism-specific biosystem; Selenium Pathway, organism-specific biosystem; superoxide radicals degradation, organism-specific biosystem;
<b>Function</b>	copper ion binding; heparin binding; metal ion binding; oxidoreductase activity; protein binding; superoxide dismutase activity; zinc ion binding;

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