

Recombinant Human SOD3, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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

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