

Recombinant Human SOD3 protein

Cat. No. SOD3-3516H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOD3 protein(P08294)(19-240aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-240aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	24.1 kDa
AA Sequence	WTGEDSAEPNSDSA EWIRDMYAKVTEIWQEVMQRRDDD GALHAACQVQPSATLD AAQPRVTGVVLF RQLAPRAKLDAFFALEGFPTEPNSSSRAIHVHQFGDLSQGCEST GPHYNPLAVPHPQHPGDFGNFAVRDGLWRYRAGLAASLAGPHSIVGRAVVVHAG EDDLGRGGNQASVENGNAGRRLACCVVGVC GPG LWERQAREHSE RKKRRRESE CKAA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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
mRNA Refseq	NM_003102
Protein Refseq	NP_003093
MIM	185490
UniProt ID	P08294

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