Recombinant Human SOD1 Protein, His-tagged

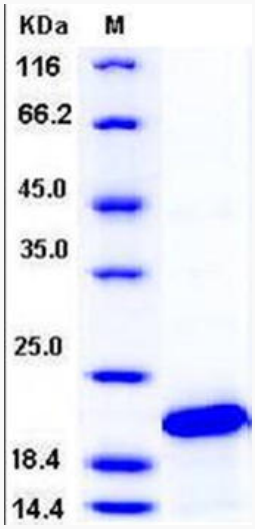
Cat. No. SOD1-170H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SOD1 Protein(NP_000445.1) (Ala 2-Gln 154) was expressed in E.coli, with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	2-154 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0.
Molecular Mass	The recombinant human SOD1 consisting of 161 amino acids and has a calculated molecular mass of 16.8 kDa. It migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. 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

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Gene Name	SOD1 superoxide dismutase 1, soluble [Homo sapiens]
Official Symbol	SOD1
Synonyms	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;
Gene ID	6647
mRNA Refseq	NM_000454
Protein Refseq	NP_000445
MIM	147450
UniProt ID	P00441
SDS-PAGE	

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