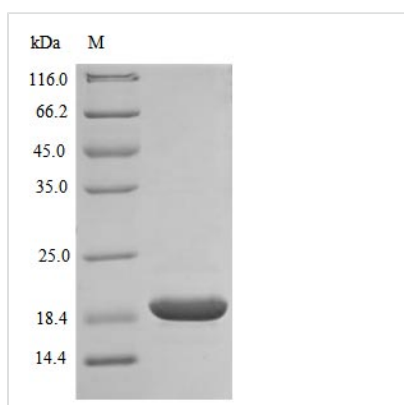




Recombinant Human Superoxide dismutase [Cu-Zn] (SOD1) (Active)

Product Code	CSB-AP000121HU
Abbreviation	Recombinant Human SOD1 protein (Active)
Uniprot No.	P00441
Storage Buffer	0.2 μm filtered PBS, pH 7.4 ,lyophilized
Product Type	Enzymes
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The potency per mg was determined by pyrogallol autoxidation method and was found to be more than 1600 U/mg.
Purity	≥95% as determined by SDS-PAGE.
Sequence	MGHHHHHHHH HHSSGHIEGR HMTYARAAAR QARALE+ATKA VCVLKGDGPV QGIINFEQKE SNGPVKVGWS IKGLTEGLHG FHVHEFGDNT AGCTSAGPHF NPLSRKHGGP KDEERHVGDL GNVTADKDGV ADVSIEDSVI SLSGDHCIIG RTLVVHEKAD DLGKGGNEES TKTGNAGSRL ACGVIGIAQ
Research Area	Cancer
Source	E.Coli
Target Names	SOD1
Expression Region	2-154aa
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	20 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	6577438; 3160582; 3889846; 2853161; 14702039; 10830953; 15489334; 6770891; 7002610; 8528216; 8682505; 15326189; 18669648; 19608861; 20600836; 20068231; 21269460; 22496122; 22905912; 24140062; 23625804; 24275569; 1463506; 9541385; 9718300; 10329151; 129112

Image





Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.