

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



Catalog No: #AP73604

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Package Size: #AP73604-1 20ug #AP73604-2 100ug #AP73604-3 250ug #AP73604-4 500ug

#AP73604-5 1mg

## Description

Product Name	Recombinant Human Superoxide dismutase [Cu-Zn] protein(SOD1) (Active)
Brief Description	Recombinant Protein
Purification	>95% as determined by SDS-PAGE and HPLC.
Immunogen Description	Expression Region:2-154aaSequence Info:Full Length of Mature Protein
Other Names	EC 1.15.1.1, hSod1
Accession No.	P00441
Uniprot	P00441
GeneID	6647;
Calculated MW	20 kDa
Tag Info	N-terminal 10xHis-tagged
Target Sequence	MGHHHHHHHHH HHSSGHIEGR HMTYARAAAR QARALE+ATKA VCVLKGDPV QGIINFEQKE SNGPVKVVWS IKGLTEGLHG FHVHEFGDNT AGCTSAGPHF NPLSRKHGGP KDEERHVGDL GNVTADKDG V ADVSIEDSVI SLSGDHCIIG RTLVVHEKAD DLGKGGNEES TKTGNAGSRL ACGVIGIAQ
Formulation	0.2 um filtered PBS, pH 7.4 ,lyophilized
Storage	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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

## References

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; 12911296; 12963370; 12754496; 15056757; 16291742; 16406071; 17070542; 17888947; 17548825; 18378676; 8592323; 20727846; 8446170; 8351519; 8179602; 7980516; 8069312; 7951252; 7881433; 7836951; 7997024; 7870076; 7887412; 7795609; 7655468; 7655469; 7655471; 7700376; 7647793; 7501156; 7496169; 8938700; 8907321; 8990014; 9101297; 9455977; 10732812; 9131652; 10400992; 10430435; 11535232; 11369193; 12402272; 12145308; 14506936; 18552350; 18301754; 19741096; 21247266; 21220647

Research Topic:Cancer

Note: This product is for in vitro research use only