

## Recombinant mouse Superoxide dismutase [Cu-Zn]

Catalog No: #AP72794



Package Size: #AP72794-1 20ug #AP72794-2 100ug #AP72794-3 1mg

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## Description

Product Name	Recombinant mouse Superoxide dismutase [Cu-Zn]
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-154aaSequence Info:Full Length
Accession No.	P08228
Uniprot	P08228
GeneID	20655;
Calculated MW	17.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AMKAVCVLKGDGPVQGTIHFEQKASGEPVVLGSGQITLQTEGQHGPFVHQYGDNTQGCTSA GPHFNPHSKKH GGPADEERHVGDLGNVTAGKDGVANVSIEDRVISLSGEHSIIGRMTMVVHEKQDDLKGGNEESTKTGNAGSR LACGVIGIAQ
Formulation	Tris-based buffer50% glycerol
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

SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)Research Topic:Others

Note: This product is for in vitro research use only