

Recombinant Mouse Superoxide dismutase [Cu-Zn](Sod1)

Catalog No: #AP70797

Package Size: #AP70797-1 20ug #AP70797-2 100ug #AP70797-3 1mg

Description

Product Name	Recombinant Mouse Superoxide dismutase [Cu-Zn](Sod1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-154aaSequence Info:Full Length
Accession No.	P08228
Calculated MW	19.8 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AMKAVCVLKGDGPVQGTIHFEQKASGEPVVLSGQITGLTEGQHGFHVHQYGDNTQGCTSA GPHFNPFSKKH GGPADEERHVGDLGNVTAGKDGVANVSIEDRVISLSGEHSIIGRTMNVHEKQDDLKGKGGNEESTKTGNAGSR 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 systs.

References

Label-free quantitative proteomics of the lysine acetylome in mitochondria identifies substrates of SIRT3 in metabolic pathways.Rardin M.J., Newman J.C., Held J.M., Cusack M.P., Sorensen D.J., Li B., Schilling B., Mooney S.D., Kahn C.R., Verdin E., Gibson B.W.Proc. Natl. Acad. Sci. U.S.A. 110:6601-6606(2013)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.