

Recombinant *Alternaria alternata* Superoxide dismutase [Mn], mitochondrial

Catalog No: #AP70964

Package Size: #AP70964-1 20ug #AP70964-2 100ug #AP70964-3 1mg

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Description

Product Name	Recombinant <i>Alternaria alternata</i> Superoxide dismutase [Mn], mitochondrial
Host Species	<i>E.coli</i>
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-25aaSequence Info:Full Length
Accession No.	P86254
Calculated MW	29.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	FNAGGHINHSLFWQNLAPASSNEAK
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 superoxide anion radicals which are normally produced within the cells and which are toxic to biological systs.

References

Diagnostic value of Alt a 1, fungal enolase and manganese-dependent superoxide dismutase in the component-resolved diagnosis of allergy to pleosporaceae.Postigo I., Gutierrez-Rodriguez A., Fernandez J., Guisantes J.A., Sunen E., Martinez J.Clin. Exp. Allergy 41:443-451(2011)Research Topic:Others

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