

Recombinant Cucurbita maxima L-ascorbate oxidase(AAO)

Catalog No: #AP71052

Package Size: #AP71052-1 20ug #AP71052-2 100ug #AP71052-3 1mg

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Description

Product Name	Recombinant Cucurbita maxima L-ascorbate oxidase(AAO)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:31579aaSequence Info:Full Length
Accession No.	P24792
Calculated MW	74.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	SQIRHYKWEVEYMFWAPDCNENIVMGINGQFPGPTIRANAGDTVVELINKLHTEGVVIHWHGILQRGTPWAD GTASISQCAINPGETFFYNFTVDNPGTFFYHGHLMQRSAGLYGSLIVDPPQGKKEPFHYDGEINLLSDWWH QSIHKQEVGLSSKPIRWIGEPQTILLNGRGQFDCSIAAKYDSNLEPCKLKGSEPCAPYIFHVMPPKTYRIRIASTT ALAALNFAIGNHPLLVEADGNYVQPFYTSIDIDYSGESYSVLITTDQNPSENYWVSVGTRGRHPNTPPGLTLL NYLPNSVSKLPTSPPPETPAWDDFDRSKNFTYRITAAMGSPKPPVKSNNRIFLLNTQNVINGYVKWAINDVSLA LPPTPYLGAMKFNLLHAFDQNPPEVPEDYDIDTPPTNEKTKIGNGVYQFKIGEIVDVLQANMMKENLSEIH PWHLHGHDWFVLGYGDGKFTAEESLNLKNPPLRNTVVIFPYGWTAIRFVADNPGVWAFHCHIEPHLMGM GV
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

May be involved in a redox syst involving ascorbic acid.

References

Molecular cloning and nucleotide sequence of full-length cDNA for ascorbate oxidase from cultured pumpkin cells.Esaka M., Hattori T., Fujisawa K., Sakajo S., Asahi T.Eur. J. Biochem. 191:537-541(1990)Research Topic:Others

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