



Recombinant *Ashbya gossypii* Methylthioribulose-1-phosphate dehydratase (MDE1)

Product Code	CSB-YP765667DOT
Abbreviation	MDE1
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.
Uniprot No.	Q75CP5
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	≥85% (SDS-PAGE)
Sequence	MDAAAQTSLV VSEDRRHAN VICALCRLFY ANNWVTGTGG GISIKHPATG HIYIAPSGVQ KEQIEPEDLF VLDGVDGAYL RAPAGHRPSA CTPLFLACYR ARGAGAVIHT HSQHAVLCTL LFDDVFRIAN IEQIKALPSG RRDAAGKPLS LSFFDTLEIP IIDNTAHEED LAPGLEAALA RHPACTAVLV RRHGIYVWGP TADRAKVYNE AIDYLLELAV HMHRLGVPPD CPIGEEKRFL RR
Source	Yeast
Target Names	MDE1
Protein Names	Recommended name: Methylthioribulose-1-phosphate dehydratase Short name= MTRu-1-P dehydratase EC= 4.2.1.109
Expression Region	1-242
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.