



Recombinant *Saccharomyces cerevisiae* Methylthioribulose-1-phosphate dehydratase (MDE1)

Product Code	CSB-YP511315SVL
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.	C7GKY0
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain JAY291) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSSQDVLIHS DDPCHPANLI CTLCKQFFHN NWCTGTGGGI SIKDPNTNYY YLAPSGVQKE KMPEDLFVM DAQTLEYLRS PKLYKPSACT PLFLACYQKK DAGAIHHTHS QNAVICSLVF GDEFRIANIE QIKAIPSGKV DPVTKKPMAL SFFDTLKIPI IENMAHEDEL IDDLHKTFKD YPDTCAVIVR RHGIFVWGPT IDKAKIFNEA IDYLMELAIAK MYQMGIPPDC AIGEEKKHLK MASP
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	1-244
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.