



Recombinant *Ashbya gossypii* Diphosphomevalonate decarboxylase (MVD1)

Product Code	CSB-YP741589DOT
Abbreviation	MVD1
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.	Q751D8
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	MSIYVASTTA PVNIATLKYW GKRDSMLNLP TNSSISVTLTSA QEDLRTLTS ATGPELAEDR LWLNGKPESL GNARTQQCLA DLRALRRALE TEEPDLPRMS EWKLVHISEN NFPTAAGLAS SAAGFAALVV AVAKLYGLPQ DYSEISKIAR KGS GSACRSL YGGYVAWEMG AADGSDSRA VQIADVEHWP EMRAAILVVS ADRKDTPSTS GMQQT VHTSD LFKERVATVV PRRYGEMAAA IRARDFATFA RLTMQDSNSF HATCLDSFPP IFYMNDTSRR IVKLCHLINE FYNETIVAYT FDAGPNAVLY YLAENEARLC GFLSAVFGAN DGWETTFSTE QRATFAAQFD ECVRGKLATD LDDELHRGVA RLIFTKVGPQ PDKSSSLID PETGLPR
Source	Yeast
Target Names	MVD1
Protein Names	Recommended name: Diphosphomevalonate decarboxylase EC= 4.1.1.33 Alternative name(s): Mevalonate pyrophosphate decarboxylase Mevalonate-5-diphosphate decarboxylase Short name= MDDase
Expression Region	1-397
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.