



# Recombinant *Saccharomyces cerevisiae* Diphosphomevalonate decarboxylase (MVD1)

<b>Product Code</b>	CSB-EP015246SVG
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P32377
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTVYTASVTA PVNIATLKYW GKRDTKLNLP TNSSISVTLS QDDLRTLSTA ATAPEFERDT LWLNGEPHSI DNERTQNCLR DLRQLRKEME SKDASLPTLS QWKLHIVSEN NFPTAAGLAS SAAGFAALVS AIAKLYQLPQ STSEISRIAR KGGSGACRSL FGGYVAWEMG KAEDGHDSMA VQIADSSDWP QMKACVLVVS DIKKDVSSTQ GMQLTVATSE LFKERIEHVV PKRFEVMRKA IVEKDFATFA KETMMDSNSF HATCLDSFPP IFYMNDTSKR IISWCHTINQ FYGETIVAYT FDAGPNAVLY YLAENESKLF AFIYKLFQSV PGWDKKFTTE QLEAFNHQFE SSNFTARELD LELQKDVARV ILTQVVGSGPQ ETNESLIDAK TGLPKE
<b>Source</b>	E.coli
<b>Target Names</b>	MVD1
<b>Protein Names</b>	Recommended name: Diphosphomevalonate decarboxylase EC= 4.1.1.33 Alternative name(s): Ergosterol biosynthesis protein 19 Mevalonate pyrophosphate decarboxylase Mevalonate-5-diphosphate decarboxylase Short name= MDD Short
<b>Expression Region</b>	1-396
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.