



Recombinant *Saccharomyces cerevisiae* Diphosphomevalonate decarboxylase (MVD1)

Product Code	CSB-MP015246SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P32377
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MTVYTASVTA PVNIATLKYW GKRDTKLNLP TNSSISVTLT QDDLRTLSTA ATAPEFERDT LWLNQEPHSI 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
Source	Mammalian cell
Target Names	MVD1
Protein Names	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
Expression Region	1-396
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.