



Recombinant *Saccharomyces cerevisiae* Mevalonate kinase (ERG12)

Product Code	CSB-MP015247SVG
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P07277
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	>85% (SDS-PAGE)
Sequence	MSLPFLTSAP GKVIIFGEHS AVYNKPAVAA SVSALRTYLL ISESSAPDTI ELDFPDISFN HKWSINDFNA ITEDQVNSQK LAKAQQATDG LSQELVSLLD PLLAQLSESF HYHAAFCFLY MFVCLCPHAK NIKFSLKSTL PIGAGLGSSA SISVSLALAM AYLGGIGSN DLEKLENDK HIVNQWAFIG EKCIHGTPSG IDNAVATYGN ALLFEKDSHN GTINTNFKF LDDFPAIPMI LTYTRIPRST KDLVARVRVL VTEKFPEVMK PILDAMGECA LQGLEIMTKL SKCKGTDDEA VETNNELYEQ LLELIRINHG LLVSIGVSHP GLELIKNSLD DLRIGSTKLT GAGGGGCSLT LLRRDITQEQ IDSFKKLQD DFSYETFETD LGGTGCCLLS AKNLNKDLKI KSLVFQLFEN KTTTKQQIDD LLLPGNTNLP WTS
Source	Mammalian cell
Target Names	ERG12
Protein Names	Recommended name: Mevalonate kinase Short name= MK Short name= MvK EC= 2.7.1.36 Alternative name(s): Ergosterol biosynthesis protein 12 Regulation of autonomous replication protein 1
Expression Region	1-443
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.