



# Recombinant *Saccharomyces cerevisiae* Phosphopantothenate--cysteine ligase CAB2 (CAB2)

<b>Product Code</b>	CSB-EP334727SVG
<b>Storage</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.
<b>Uniprot No.</b>	P40506
<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>	MPPLPVLNRP QIHTSVTEIS HAI DRTI KEE LFPVAYTTEE EQYFKTNPKP AYIDELIKDA KEFIDLQYSL KR NKIVLITS GGTTVPLENN TVRFIDNFSA GTRGASSAEQ FLANGYSVIF LHREFSLTPY NRSFSHSINT LFLDYIDSEG KIKPEFAENV LKNKKLYDKY MEKEEKLLLL PFTTVNQYLW SLKSIKLLN NSGCLFYLA AVSDFVPYS RLPQH KIQSG DNGKMGANND TEGTTRTPD GKLIVNLDPV PKFLRRLVES WATQAMIVSF KLETDESMMLL YKCTQALDRY NHQLVIGNLL QTRNKQVIFV SPENRKG DWV RLDEKHHSIE EMIPEVIAR HDKWVAH SKT KLATK
<b>Source</b>	E.coli
<b>Target Names</b>	CAB2
<b>Protein Names</b>	Recommended name: Phosphopantothenate--cysteine ligase CAB2 EC= 6.3.2.5 Alternative name(s): Coenzyme A biosynthesis protein 2 Phosphopantothenoylcysteine synthetase Short name= PPC synthetase
<b>Expression Region</b>	1-365
<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.