



Recombinant *Saccharomyces cerevisiae* FAD synthase (FAD1)

Product Code	CSB-EP008710SVG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P38913
Product Type	Recombinant Protein
Immunogen Species	<i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MQLSKAAEMC YEITNSYLHI DQKSQIIAST QEAIRLTRKY LLSEIFVRWS PLNGEISFSY NGGKDCQVLL LLYLSCLWEY FFIKAQNSQF DFEFQSFPMQ RLPTVFIDQE ETFPTLENFV LETSERYCLS LYESQRQSGA SVNMAFAFRD FIKIYPETEA IVIGIRHTDP FGEALKPIQR TDSNWPDFMR LQPLLHWDLT NIWSFLLYSN EPICGLYGKG FTSIGGINNS LPNPHLRKDS NNPALHFEWE IIHAFGKDAE GERSSAINTS PISVVDKERF SKYHDNYYPG WYLVDDTLER AGRIKN
Source	E.coli
Target Names	FAD1
Protein Names	Recommended name: FAD synthase EC= 2.7.7.2 Alternative name(s): FAD pyrophosphorylase FMN adenylyltransferase Flavin adenine dinucleotide synthase
Expression Region	1-306
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.