



Recombinant Camellia sinensis Probable caffeine synthase 2 (TCS2)

Product Code	CSB-EP737871CBP-B
Abbreviation	TCS2
Storage	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.
Uniprot No.	Q68CM3
Product Type	Recombinant Protein
Immunogen Species	Camellia sinensis (Tea)
Purity	≥85% (SDS-PAGE)
Sequence	MKEVKEALFM NKGEGESSYA QNSSFTQTVT SMTMPVLENA VETLFSKDFH LLQALNAVDL GCAAGPTTFT VISTIKRMM KCRELNCQT LELQVYLNDL PGNDFNTLFK GLPSKVVG NK CEEVSCYVVG VPGSFHGRLF PRNSLHLVHS CYSVHWLTQA PKGLTSKEGL ALNKGKIYIS KTSPV VREA YLSQFHEDFT MFLNSRSQEV VPNGCMVLIL RGRLLSSDPSD MGSCFTWELL AVAIAELVSQ GLIDEDKLDL FNVPSYFPSL EEVKDIVERN GSFTIDHMEG FELDSPEMQE NDKWVRGEKF ATVARAFTEP IISNQFGHEI MDKLYEKFTH IVVSDFEAKI PKITSIILVL SKIVG
Source	E.coli
Target Names	TCS2
Protein Names	Recommended name: Probable caffeine synthase 2 EC= 2.1.1.160
Expression Region	1-365
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.