



Recombinant *Torreya californica* Maturase K (matK)

Product Code	CSB-EP865028TGAR
Abbreviation	matK
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.	Q9MVV7
Product Type	Recombinant Protein
Immunogen Species	<i>Torreya californica</i> (California nutmeg)
Purity	>85% (SDS-PAGE)
Sequence	MDEFQRDGTN HRSWQQFFLY PLFFREDLYA IAHDHHLDRS SSSEPIEILI SNYFSFLTVK RLIRRIQQN DSIGLFGNCD PIQFIDRNRN SYSEPVLEAL TVILEVSFAM RSKHFAETMS GWKSIRSIHC IFPLIEDKFP HSNYISDIRV PYSIHPEILV RTFRRWIRDT PSLHLLRFIL HEWRNSFSAE NLQKALVVPR ENMRLSLFLW NSYVYECESF LVPLLKRFYR SRSLLYGSFP NRTHFDRKIK HIVIFPINIS TKRIWLLKDS FIHYVRYGER SLIALKGTHL QVKKCRYHLF HFWQYYFHLW SQPYRICILE LSKNDSFFLG YFLSFKIKPL VVRTKMLDDL FITDLVTNEL NPISPIRSIL LFLAKEKFCD ISGHPISKLS WTSALTDDDL DRFDRICINL FHYYSGSINK DGLYYIKYIL LLPCAATLAC KHKSTIRVVR EESGSELFTK SFFKEQEFIS SSFSKTRSQR ERFWNSDIIQ IKCPI
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-495
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.