



Recombinant *Camellia sinensis* Maturase K (matK)

Product Code	CSB-EP843092CBP
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.	Q8MA31
Product Type	Recombinant Protein
Immunogen Species	<i>Camellia sinensis</i> (Tea)
Purity	>85% (SDS-PAGE)
Sequence	MEEFKRYLEL DRSQQHDFVY PLIFQEYIYA LAHDHGLTRS IFLENIGYDN KFSLLIVKHL IIQMYQQNHF LFSANDSNQN PFFGHNTNLY SQMILEGFVA VVEIPFSLFS LEGKEIVKSQ NLRSIHSIFP FLEDKFSLHN YVLDILIPHS IHLEISVQTL RYWVKDASSL YLLRFFLHMY WNWNSLITPK KSSFYFSKRN QRLFLFLYNF HICEYESIFV FLRKQSSHLR SISSGTFLER RYFYGKIEHF LEVFTKDFQV ILWLFKDPFI HYVRYQGKYI LASKGTSLLM NKWKSylvNF WQCYFYMWSQ PGRIHINQLS KHSPDFLGYL SSVRLNPSMV RSQMLENSFL IGNAIKRFDI IVPIIPMIGS LSKAKFCNVL GHPISKPVWA DLSNSDIIDR FGRIYRNLSH YHSGSSKKTS LYRIKYILRL SCARTLARKH KSTVRAFLKR LGSELLEEFF MGEEQVFSLT FPSSTSQGLY RRRIWYLDIV CINDLASHE
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-499
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.