



Recombinant *Brasenia schreberi* Maturase K (matK)

Product Code	CSB-EP531003BWA-B
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.	O98634
Product Type	Recombinant Protein
Immunogen Species	<i>Brasenia schreberi</i> (Water shield)
Purity	>85% (SDS-PAGE)
Sequence	MDKLQYELQG YLQIDRYRKQ RFLYPLLFRE YIYALAHDHG LNSSFIFYEPT ENLGYDNKFS SLIVKRLITR LHQQNHLITS VNYSRFVGNP RSFYSQTIPE GFAGIMEISF SMRLVSSLER IAKYQNLRSI HSIFPFLEDK LSHLSYVSDI LIPYPIHLEI LLQTLRTRIR DAPSLHLLRC FLHEHHNCNS PITPKKCISI ENQRLFLFLY NSHVYECESI LVFLRKQSSH LRSISFLAFL ERTHFYGKIK HLVVAPRND S QRTLPLWFFK EPLMHYVRYQ GKSIMASRCT NLLMXKWKYY LVNFWQCHF H LWSQPSRIHI NELSNHSFYF LGYLSGVRLT PWVIRSQMVE NSFMIDTAIK RFDTIVPIFP LIGSLVKAKF CNVSGHPTSK SVWADLSDSD IARFGWICR NLSHYHSGSS KKHSLCRIKY IRLSCARTL ARKHKSTVRA ICKRLGSKLL EEFLTEEQEI VSFIFRRTLR HSERIWYLDI IRINGLVPNS
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-500
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.