



Recombinant *Macrozamia communis* Maturase K (matK)

Product Code	CSB-EP853976MKAJ
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.	Q8MEX7
Product Type	Recombinant Protein
Immunogen Species	<i>Macrozamia communis</i> (Burrawang palm)
Purity	>85% (SDS-PAGE)
Sequence	MDKLQRDGKE DTSRQRRFLY PLLFQEDFYT IAYDHCSNRS SSFEPMGNSS SNDRFSFLTV KRSISRIRQQ NGSIVPFVNC DQNKLVGHNK SFYSELVLGG LTAVSEVPFS IRSKHSLEGM NEWASFRSIN SIFPLMEDKI PHSNFILDIR IPHLTHPEIL VRTFRRWIQD APFLHSLRSV LHEHRNLIIS SNLDQLILIA SKKNTRLSLF LWNYYAYECE SLLVPLWKRF SHSRSLPYES FIERTPFYRK IEHIVIFYHK YLKKSLWFLK DPSIHVVKYR ERSIALRGT YLLVKKWRYH LTNFWQCHFHLWLQPYRIYI DELSNNCF SF LGYLLSVKMK TSVVRIKMLD DSFITDLITK EFDPIAPTTL LIGSLVKEKF CDISGHPFSR LAWTGLTDDD ILDRFDRIWR NIFHYHSGSS KKDGLYRMKY ILRLPCACTL ACKHKSAIRA VRERFGSELF TKSFPKERES IFLSFSKTRS QRERIWYSIDIQRNPFVNS
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.