



Recombinant *Nypa fruticans* Maturase K (matK)

Product Code	CSB-EP751246NET-B
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.	Q717X1
Product Type	Recombinant Protein
Immunogen Species	<i>Nypa fruticans</i> (<i>Nypa palm</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEELQGYLER DRFRKQHFLY PLLFKEYIYT FAHDRGLNGS IFYESAEIFG YDNKSSSVLV KRLIIRMYQQ NYLIYSVND S NQNRVFGHNN YLYFHFYSQM ILEVFTVIVE IPFLLRLVSS LERKIPKSN LNLRSIHSIF PFLHEYPNWN SLITPNNSIF LFSKENKRLF RFLHNSYVSE CEFVLVFLRK QSSYLRLTSS GAFLERTHFY GKIEHLHLIV VRRNYFQKTL WFFKDPFMHY VRYQGKAILV SKGTHLLMKK WKCHLVNFWQ YYFHFWSQPY RIHINQLSNC SFYFLGYLSS VLINPSVVRN QMLENSYLID TVTKXFDTRV PVISFIGSLA KAKFCTVSGH PISKPIWTDL SDCDIIDRFG RICRNLSNYL SGSSKKQSLY RIKYILRFSC ARTLARKHKS MVRAFLQRLG SGLLEEFFTE EEQVVSLIFP KANSFSLHGS HRERIWYLDI TCINDLVNYS
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-470
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.