



Recombinant Maturase K (matK), partial

Product Code	CSB-YP761713AIQ
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.	Q70Y16
Product Type	Recombinant Protein
Immunogen Species	Amborella trichopoda
Purity	≥85% (SDS-PAGE)
Sequence	MEELRGYLEI DRPHQQRFLY PLLFQESIYA LAHNHGLNGS ILYEPMEDLG HDKKSSSLNV KRLIQMYQQ NHFIISFNDS NQNRFLGHSR NSYFQMVSEG FAVIVEIPFS MRLVSSLEKG SESHNFQSIH SIFPFLEDKL SYLNYVLDIL IPHPIHLEIL VQSLRQWIRD LPSLHLLRFF LHEHQNWNSF ITTNTKKCSS FFSRENQRLF LFLYNFHVYQ FESLHVFLRK QFFHLRSISF GSFLERTHFY GKIENFVSM RNHSQNILWL FKDLFMHYVR YKGKSIMASR GTYLLMNKWK SHLVNFWQFR FYFWSQPGR I HINELSNHSF YFPGYLSGLR LNPSMVRSEM LENSFMIDAV IKRFDTVPT IFLIGSLAKV KLCNVSGHPI SKSVWADSSD SDILDQFGRI CRNLSHYHSG SYKKHSLCRI KYILRLSCAR TLARKHKSTV RAILKRLGSE FLDEFLTEEQ EILSLIFPKT PFHSGRIWYL DIIRIHSLAN H
Source	Yeast
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-501
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	Partial
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.