



# Recombinant Maturase K (matK), partial

<b>Product Code</b>	CSB-EP761713AIQ
<b>Abbreviation</b>	matK
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q70Y16
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Amborella trichopoda
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEELRGYLEI DRPHQQRFLY PLLFQESIYA LAHNHGLNGS ILYEPMEDLG HDKKSSSLNV KRLIQMYQQ NHFIISFNDS NQNRFLGHSR NSYFQMVSEG FAVIVEIPFS MRLVSSLEKG SESHNFQSIH SIFPFLEDKL SYLNYVLDIL IPHPIHLEIL VQSLRQWIRD LPSLHLLRFF LHEHQNWNSF ITTNTKKCSS FFSRENQRLF LFLYNFHVYQ FESLFVFLRK QFFHLRSISF GSFLERTHFY GKIENFVSM RNHSQNILWL FKDLFMHYVR YKGSIMASR GTYLLMNKWK SHLVNFWQFR FYFWSQPGR I HINELSNHSF YFPGYLSGLR LNPSMVRSEM LENSFMIDAV IKRFDTVPT IFLIGSLAKV KLCNVSGHPI SKSVWADSSD SDILDQFGRI CRNLSHYHSG SYKKHSLCRI KYILRLSCAR TLARKHKSTV RAILKRLGSE FLDEFLTEEQ EILSLIFPKT PFHSGRIWYL DIIRIHSLAN H
<b>Source</b>	E.coli
<b>Target Names</b>	matK
<b>Protein Names</b>	Recommended name: Maturase K Alternative name(s): Intron maturase
<b>Expression Region</b>	1-501
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Partial
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.