



Recombinant Equisetum arvense Maturase K (matK)

Product Code	CSB-BP674363EMN
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.	Q49U13
Product Type	Recombinant Protein
Immunogen Species	Equisetum arvense (Field horsetail) (Common horsetail)
Purity	>85% (SDS-PAGE)
Sequence	MKITDKKLLL FENISKKVTY QQRFLYPLLF HKEFYVVTSD SFIDKSNMNL SKEFVLNDRY SFLVIRRLIN RIRNLNNSKK FIQTSLSDKS ICSKLD FYLL KALNMVLETF LLIQSEQTKK RVNWKSYKSI FSTCSFVEEK FIFSNQILD L KIPHFHHPES FIRILRQIQ DASFLHLTRF FVHEYKERSK NEKLIYSFNK RNKFVTF SWN FFYIFELEFF LTSLLTRFIN NLVLSNLF DQ INLLEKINNN NKSQFFLSEK RIYNQN SCIH YVRYQNH CIM ASEG FYFHDT NWIYYILNIW QFFMHLWIQP FRFSTKHFQK QSFFFLGYQF GRESKLLKVR SISLDKSPTI YSRLKKNLLK TQIVYPIDFL AKEGFCDISG YPISRSTWTT STDEEILLNF NKIWKSFYFY YGGLIKKDIL YRIKYILRFS CAKTLARKHK STTRVWKKI VSDLSSLSSSL RRKKNFHFVF FQGSHG
Source	Baculovirus
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-476
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.