



# Recombinant Equisetum arvense Maturase K (matK)

<b>Product Code</b>	CSB-EP674363EMN-B
<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>	Q49U13
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Equisetum arvense (Field horsetail) (Common horsetail)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 YVRYQNHCIM ASEG FYFHDT NWIYYILNIW QFFMHLWIQP FRFSTKHFQK QSFFFLGYQF GRESKLLKVR SISLDKSPTI YSRLKKNLLK TQIVYPIDFL AKEGFCDISG YPISRSTWTT STDEEILLNF NKIWKSFYFY YGGLIKKDIL YRIKYILRFS CAKTLARKHK STTRVWKKI VSDLSSLSSSL RRKKNFHFVF FQGSHG
<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>	1-476
<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>	full length protein
<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.