



Recombinant *Potentilla anserina* Maturase K (matK)

Product Code	CSB-YP855441PFAL
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.	Q8WJP5
Product Type	Recombinant Protein
Immunogen Species	<i>Potentilla anserina</i> (Silverweed cinquefoil) (<i>Argentina anserina</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEDFQVYFEL YRSQQHDLLY PLIFRESIYA LAHDRGLNRS VLLDNVGYDK KASLLIIKRL ISRMYYQQNRF IISFNDSNQN KFLGYNKNLY SQMISEGFAV IVEIPFSLRL VSSLEETETV KSYNLRSIHS IFPFLEDKFP HLNYSADVLI PYPIHLEILV QTLRYCMKDP SSLHLLRLFL YEYYSWNTVI TPKKSLFAKR NQRLFLLLYN SYVGEYESIL LFLRNQSNHL RLTSFRIFFE RIRFYEKIKY PVEEVLPAT LWFFKDPFIQ YVSYQGKSIL ASKDTPLLMT KWKYLVNFW QCHFVWSQP GRIHINQLFK YSFDGLGYS SIRPNISVVR SQLENSFLM NNLMKKLDL FPTIPMIGSL AKVKFCNTLG HPISKSSWAD LSDSDIIGRF VRIGGNLSHY YSGSSKKKSL YRIKYILRLS CVKTLARKHK STVRTFLKRL GPKLLDEFFT EEEQVFALLF PRSSTSKRL YRGQIWYLDI LCINDLVNHE
Source	Yeast
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-500
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.