



Recombinant Adiantum capillus-veneris Maturase K (matK)

Product Code	CSB-EP772884AXO-B
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.	Q85FP0
Product Type	Recombinant Protein
Immunogen Species	Adiantum capillus-veneris (Maidenhair fern)
Purity	>85% (SDS-PAGE)
Sequence	MKVNYGSPAK SGPLHKNGEF YINKNCF LHP LLFLSEENFY LTDGKRRSHG ADANLVFGAW STVAVKRLIG SVRDPNLNFL KIYDSVSVRN LTDGLDVDLY LHPLLKMTYL ILGIALFPKI RAETSSKSKM LQSIHSMFLF LEDRFSKSNH ILEADLPHNL HLETLIRLFR RQIKDVSFLH LLRIVFRKRK IFCGKTFYSP GGGQDGSVDI PVRNFYIFEI DSLLLIPWKQ VYKFRVNYLS PIDSCNIIRK EIYASAYKFK WNKASIDYSF SRSLWIHYGR WRNKFLIASE GTHYFVKKML YYLWILLKYH FHYRIKSNEP WIRKLLPTSC VSFLGYTLA QLVSKNVRIE TVTDLYISIL GGKGFYPKIP NSIIITTLAK QRFCDFTRP IGKSAWVTST DDKIIDGYVQ LWQVFSLYYG ASMNQYRLRR LIFLLQMSCD STLAGKHRST IRLLRCKSNV EALNQILASR KFELSSSRRV WRSSSIRSVL VQFTVLDIGL
Source	E.coli
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.