



Recombinant Albizzia julibrissin Maturase K (matK)

Product Code	CSB-EP723087AGK
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.	Q5YK47
Product Type	Recombinant Protein
Immunogen Species	Albizia julibrissin (Silk tree)
Purity	>85% (SDS-PAGE)
Sequence	MEEFQVYLEL DRSRQHDFLY PLIFREYIFA LAYDHGLNSS ILVQNLGYDN KSSLLIVKRL ITRMYQQNHL IISANNSNKN PFWGYNKNLY SQIISEGLAV SVEIPFSLQF ISSLEKAEII KSYNLRSIHS IFPFEEKFP YLNYVSDVQI PYPIHLEILI QTLRYWVKDA SSFHLLRFL YEYCNWNSLI TPKKRISTFS KSNPRFLLFL YNFYVCEYES IFLFLRNKSS YLRLTSSGVF FERIIFYAKI EHFVEVFDKD FPSTLWFFKD PFIHYVRYQG KSILASKNTP FLMKKWKYYL IHLWQCHFFV WSQPGKIHIN QLSEHSDFDL GYFSNVRNLP SVVRSQMLEK SFIMENLLKK LDTIPIPL IRSLAKAKFC NVLGHPISKP VWADSSDFDI IDRFLQICRD LSHYYNGSSK KKSlyRIKYI LRLSCIKTLA RKHKSTVRVF LKRLGSELLE EFFTEEEEIF SLIFSRASST LQKLYRGRIW YLDIFDFHQ
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-499
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.