



Recombinant *Prosopis juliflora* Maturase K (matK)

Product Code	CSB-EP721930PSL
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.	Q6E4Q8
Product Type	Recombinant Protein
Immunogen Species	<i>Prosopis juliflora</i> (Mesquite) (<i>Mimosa juliflora</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEEFQVYLEL DRSRQHDFLY PLIFREYIYA LAYDHGLNSS ILVQNXGYDN KSSLLIVKRL ITRMYQQNHL IISANDSNKN PFWGYNKNLY SQIISEGLAV SVEIPFSLQL ISSLEKAEII KSYNLRSIHS IFPFEEKFP YLNYVSDVQI PYPIHLEILI QSLRYWVKDA SSFHLLRFL YEYCNWNSLI TPKKRISTFS KRNPXFXLXL YNFYVCEYXS IFLFLRNKSS YLRLTSSGVL FERIYFYAKI XHFVKVFDKD FLSTLWFFKD PFIHYVRYQG Ksilaskntp FLMKKWKYYL IHLWQCHFFV WSQPGKIHIN QLSEHSFYFL GYFSNVRINP SVVRSQMLEK SFIMENLMKK LDTIPIPL IRSLAKAKFC NILGHPISKP VWADSSDFDI IDRFLQICRN LSHYYNGSSK KKSlyRIKYI LRLSCIKTLA RKHKSTVRVF LKRLGSELLE EFFTEEDIF 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.