



# Recombinant Parkinsonia aculeata Maturase K (matK)

<b>Product Code</b>	CSB-EP723086PGAF-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>	Q5YJY5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Parkinsonia aculeata (Jerusalem thorn)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEEFQAYLEL DRSRQHDFLY PLIFREYIYA LAYDHGLNSS ILLENLGYEN KYSLLIVKRL ITRMYQQNHL IISANDSNKN PFWGYNKNLY SQIISEGFAV SVEIPFSLQL ISSLEEAEII RSYNLRSIHS IFPFEEKFP YLNYVSDVRI PYPIHLEILV QTLRYWVKDA SFFHLLRLFL YEYCNWNSLI TQKKWISTFS KRNPFFLFL YNFYVCEYES IFLFLRNKSS YLRLTSSGVL FERIYFYAKI EHFVEVFDKD FPSTLWFFKD PFIHYVRYQG KSILASKNTP FLMKKWKYYL IHLWQCHFFV WSQPGKIHIN QLSEHSFYFL GYFSNVRNLP SVVRSQMLEN SFIENVMKK LDTIPIPI IRSLAKARFC NVLGHPISKP VWADSSDFDI IDRFLICKN LSHYYNGSSK KKNLYRIKYI LRLSCIKTLA RKHKSTVRVF LKRLGSELLE EFFTEEEEIL SLIFPRASST FQRLYRGRIW YLDIFYFHQ
<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>	1-499
<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.