



Recombinant *Chamaecrista fasciculata* Maturase K (matK)

Product Code	CSB-YP713636CFAS
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.	Q5YJU7
Product Type	Recombinant Protein
Immunogen Species	<i>Chamaecrista fasciculata</i> (Showy partridge pea) (<i>Cassia fasciculata</i>)
Purity	>85% (SDS-PAGE)
Sequence	MEEFQVYLEL ARSRQYDFLY PLIFREYIYA LAYDHGFNNS ILVENLGYDN KSSLLIIKRL ITRMYQQNHL IISANDSNKN PFWGCKKNLY SQLISEGFAV SVEIPFSLQL ISSLEGAEIV KSYNLRSIHS IFPFEEKFA YLTYVSDVQI PYPIHLEILV QTXXXXXXXX SCFHLLRLFL YEYWNWNSLI TPKKWISTFS KSNPRLFLFL YNFYVCEYES IFLFLRNKSS YLRLTSSGVL FERINFYAKI EYFVEVFDKD FLSTLWFFKD SFIHYGRYQG KSILASKNTP FLMTKWKYLL IHLWQCHFVY WSQPGKIHIN QLSEHSDFDL GYFSNVRLNP SVVRSQMLEN SFLIENVMKK LDTIPIIPL IRLAKAKFC NVLGHPISKP VWADSADFDI IDLFLRRCRN LSHYNGSST KKSlyRIKHI LRLSICKTLA RKHKSTVRVF LKSLGSELLE EFFTEEKEIL SLIFPRASST LQRLYRGRIW YLDIFYFHQ
Source	Yeast
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.