



Recombinant *Gymnocladus chinensis* Maturase K (matK)

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|--------------------------|---|
| Product Code | CSB-EP736486GDX-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. | Q5YJX4 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Gymnocladus chinensis</i> (Soap tree) (Yunnan bean) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MKEFQVYLEL DRSRQHDFLY PLIFREYIYA LAYDHGLNSS ILVENLGYDN KSSLLIVKRL ITRMYQQNHL ILSANDSNKN QFLGYNKNLY SQIISEGFAV SVEIPFSLQL ISSLEEEEIV KSYNLRSIHS IFPFEDKFP YLNYVSDVRI PYPIHLEILV QTLRYWVKDA SSFHLLRLFL YEYFNWNSLI TPKKWISTFS QSNPRLFLFL YNFYVCEYES IFIFLRKKSS YLRLTSSGVL FERIIFYAKI EHRVEVLDKD FPSTLWFFKD PFIHYVRYKG KSILSSKNTP FFMNKWKYYL IHLWQCHFVY WSQPGKIHIN QLSEHSFYFL GYFSNVRLNP SVVRSQMLEN SFIENVMKK LDTIPIPL IRSLAKANFC NVLGHPISKP VWADSSDFDI IDRFLRICRN LSHYYNGSSK KKSlyRIKYI LRLSCIKTLA RKHKSTVRVF LKRLGSEVLE EFFTEEEEIL SLILPRASST LQRLYRGRIW YLDIFYFHQ |
| 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.