



Recombinant *Chamaecyparis lawsoniana* Maturase K (matK)

Product Code	CSB-EP868182COAC-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.	Q9MSV6
Product Type	Recombinant Protein
Immunogen Species	<i>Chamaecyparis lawsoniana</i> (Lawson false cypress) (<i>Cupressus lawsoniana</i>)
Purity	>85% (SDS-PAGE)
Sequence	MDEFQRNSNK HRSWQQFFLY PLFFREDLXA IAHYHHLDRS GSSEPTILV SNFLSFLTVK RSXRRIRKQN NSISLLGNSD SNKLIEYNKN SSFQLILEGF TIVLEALFAM RSKXFXKGMD GWNSFRSIHC IFPFMEAKLP HSBYISDLRV PYSIHPEILV RIFRRWIRDV PSLHLLRSIL HEWKKSFNRE NLQKALITQR ENTRFSLFLW NSYVYECEF LIPLIKRILN SQSLLYGSFP DRTHFEKKIK DIVLFPPHKI SPKKIWLLKD SFIHYVRYGE RSLIALKGTH LQVKKCRYHL FHFQYYFHL WFQPYRICSL ELSKTSFSFL GFFMHVKMRP LVVRAKMLDD LFITDLITNE LNSTAPIRSI LFSLAKEKFC DISGWPISKL SWTSLSDDDI XDRFDRIWXX LFHYYSGSIN QDGLYHIKIYI LLLSCAKTLA CKHK
Source	E.coli
Target Names	matK
Protein Names	Recommended name: Maturase K Alternative name(s): Intron maturase
Expression Region	1-444
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.