



# Recombinant *Paeonia suffruticosa* Maturase K (matK)

<b>Product Code</b>	CSB-EP527382EQO
<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>	O46993
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Paeonia suffruticosa</i> (Tree peony) ( <i>Paeonia moutan</i> )
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEKSQGYLEL DKSWRHDFLY PLIFQEYIYA LAHEQGLNRS ILLENTDHDN KYSSLIVKRL ITRMQQQNHF LIFDNDSNQN PFWKHNNNLY SQMISEGFVI IVEIPFSPRF VDSLEEKKKI LKFNNLRSIH SIFPFLEDQI LHLNFVSNIL IPYPIHLEIV VQSLRYRVKD ASSLHLLRFF LFTLNKSISS FSKRNPRLFL FLYNSHVY EY ESTFLFLRNK TSHLRSTSSG AFLERIFFYG KIKHLIEVFA NDFQAILWLF KDPFMHYVRY QGKSILASKR TSLRMNKWKY YLINFWQCQF YVWSQPGRVS INQLSNHSLD FLGYLSSVRL NPLAVRSQML ENSFLT DNAI KKFDIIVLLI PLIGSLAKAK FCNVLGHPLS KPARADSSDS DIERFVRIC RNLSHYHSGS SKKKS LYRIK YILRLSCART LARKHKTA VR SFLKRLGSEL LEEFLT EDGQ VISLIFPRTS STSWRLYRGG IWYLDITCIN DLANHE
<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>	1-496
<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.