



# Recombinant *Batis maritima* Maturase K (matK)

<b>Product Code</b>	CSB-EP719604BDAB-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>	Q5VH50
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Batis maritima</i> (Maritime saltwort)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEEFQVYLEL HKAHNFLYPL FFQEYIYALA HNHRLNRLNR SSLFQNGDYD NKFSSLIVKR LIFRMYQQNN FIISTKNLNQ NTFFSHNKNL YYQIISVVLA VIVEIPFSIR FISSLEGKEL VKSHNLQSIH SIFPFLEDKF SHLNYVLNVL IPHPIHLEIL LQTLRYWIKD ASSLHLLRFY LYEYSNLKNF FIPKKSTLNP RFFLFLYNSY VYQYESILFF LRKQSSHLQS NSFGILIERI YFYGKIESLL KVFIKKFQDI LWLSKDPFMH YVRYRGKSIL ASKHGPLLIS KWKYYFVNLW QCHFVWSQS KRVHIKQLSK DYLNFLGYLS SLRLNFLVVR SQMLENSYLI DNVIKKFHTK IPMSSIIASL AKARFCNVLG HPISKSTWTD SSDSEILDRF VRIYRNLAHY YSGSSKKNL YRIKYILRVS CVKTLARKHK STVRAFLKRL GSDFLEEFLL EEEQVLSLMF SRVFSVSQRF YRVRIWYLDI FYINDFVNH
<b>Source</b>	<i>E.coli</i>
<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.