



Recombinant *Drosophila mauritiana* Mariner Mos1 transposase (marinerT)

Product Code	CSB-EP745313DLT-B
Abbreviation	marinerT
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.	Q7JQ07
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila mauritiana</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSSFVPNKEQ TRTVLIFCFH LKKTAAESHR MLVEAFGEQV PTVKKCERWF QRFKSGDFDV DDKEHGKPPK RYEDAELQAL LDEDDAQTQK QLAEQLEVSQ QAVSNRLREM GKIQKVGRWV PHELNERQME RRKNTCEILL SRYKRKSFLH RIVTGDEKWI FVSPKRKKS YVDPGQPATS TARPFRFGKK TMLCVWWDQS GVIYYELLKR GETVNTARYQ QQLINLNRAL QRKRPEYQKR QHRVIFLHDN APSHTARAVR DTLETLNWEV LPHAAYSPDL APSDYHLFAS MGHALAEQRF DSYESVKKWL DEWFAAKDDE FYWRGIHKLP ERWEKCVASD GKYLE
Source	E.coli
Target Names	marinerT
Protein Names	Recommended name: Mariner Mos1 transposase EC= 3.1.-.- Alternative name(s): Transposable element Mos1 transposase
Expression Region	1-345
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.