



Recombinant Transposase for transposon Tn5 (tnpA)

Product Code	CSB-EP669378ENL
Abbreviation	tnpA
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.	Q46731
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MITSALHRAA DWAKSVFSSA ALGDPRRTAR LVNVAACLAK YSGKSITISS EGSEAMQEGA YRFIRNPVNS AEAIRKAGAM QTVKLAQEF ELLAIEDTTS LSYRHQVAEE LGKLGSIQDK SRGWWWVHSLV LLEATTFRTV GLLHQEWWMR PDDPADADEK ESGKWLA AAA TSRLRMGSMM SNVIAVCDRE ADIHAYLQDK LAHNERFVVR SKHPRKDVES GLYLYDHLKN QPELGGYQIS IPQKGVVDKR GKRKNRPARK ASLSLRSGRI TLKQGNITLN AVLAE E INPP KGETPLKWLL LTSEPVESLA QALRVIDIYT HRWRIEFHK AWKTGAGAER QRMEEPDNLE RMVSILSFVA VRLQLRESF TLPQALRAQG LLKEAEHVES QSAETVLT PD ECQLLGYLDK GKRKRKEKAG SLQWAYMAIA RLGGFMDSKR TGIASWGALW EGWEALQSKL DGFLAAKDLM AQQIKI
Source	E.coli
Target Names	tnpA
Protein Names	Recommended name: Transposase for transposon Tn5 EC= 3.1.-.- Alternative name(s): Tnp
Expression Region	1-476
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.