



Recombinant Escherichia coli Putative prophage CPZ-55 integrase (intZ)

Product Code	CSB-EP300566ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76542
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MSKTPLTAKA IDAAQPQDKP YKLTDSLTPG LFLLVHPNGS KYWRFYRWLN KREFLQAIGV YPLITLKEAR RRATESRSLI ANGINPVEQA RKEKAIDALN MAAGFKKVAE DWFATRVGGW SESYAKQVRS ALEKDVPVPL GKRSIVDITA RDVLLALLQKK ERTAPEQARK LRRRIGEIFK FAVITELVTR NPVADLDTAL KARRPGHNAW IPSEIPAFY KALERAGSVQ IQTAIRLLIL TALRTAELRL CRWEWINLED ATITLPAEVM KARRPHVVPL SRQAVELLQD QFTRSGYSAF VFPGRFMDKP LSASAILKAL ERIGYKSIAT GHGWRTTFST ALNESGRYSP DWIEIQLAHV PKGIRGVYNQ AAYLKQRRAM MQDYADAIDS ILAGNGNPLE PE
Source	E.coli
Target Names	intZ
Protein Names	Recommended name: Putative prophage CPZ-55 integrase
Expression Region	1-402
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.