



Recombinant *Cryptosporidium parvum* Flap endonuclease 1 (FEN1)

Product Code	CSB-EP008585CXO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A3FPN7
Product Type	Recombinant Protein
Immunogen Species	<i>Cryptosporidium parvum</i> (strain Iowa II)
Purity	>85% (SDS-PAGE)
Sequence	MGIKGLTKFL ADNAPKSIQQ QGIGSLLGKR VAIDASMWIY QFLAAIREGS QWGNLTNSSG ESTSHINGML SRTTRLLEAG IKPVFVFDGA PPEMKKDEL KRDERREKAL AELEKAQEIG DEELIKKQSV RTIHVTKKQV EDVKLLGFL GMPCIDAPSE AEAQCAELCK DGLVYGVVTE DADSLTFGTP IQIKQLNFSE SSNKITDKSP SKQKNGMQII KLSLILSELD INMDQFIDLC ILSGCDYCGT IRGIGTSTAY KLLKKYHNIE SILKNIDQTK NPIPGNFDFFS KVRELFKNPL VSKNNQIKDL IKWSNPKYEE LMEWLIKEQN FNEARVNSYC ERIKKS SKNKT SQTCLDGFFK TASNERKNTH ETSPRPPLSE KQKSETRKEV DSSLSCDKKK VKIEETKIIS EWGAPVSKNL SSQAEKDLAE NSSEAPNQSS EIKVNKIEEN KDESSTVEN TPSLQTKSPE PTMRPVKRKL NRLISESDED
Source	E.coli
Target Names	FEN1
Protein Names	Recommended name: Flap endonuclease 1 Short name= FEN-1 EC= 3.1.-.- Alternative name(s): Flap structure-specific endonuclease 1
Expression Region	1-490
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.