



# Recombinant *Cryptosporidium parvum* Flap endonuclease 1 (FEN1)

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| <b>Product Code</b>      | CSB-YP008585CXO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | A3FPN7   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Cryptosporidium parvum</i> (strain Iowa II)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MGIKGLTKFL ADNAPKSIQQ QGIGSLLGKR VAIDASMWIY QFLAAIREGS<br>QWGNLTNSSG ESTSHINGML SRTTRLLEAG IKPVFVFDGA PPEMKKDELTA<br>KRDERREKAL AELEKAQEIG DEELIKKQSV RTIHVTKKQV EDVKKLLGFL<br>GMPCIDAPSE AEAQCAELCK DGLVYGVVTE DADSLTFGTP IQIKQLNFSE<br>SSNKITDKSP SKQKNGMQII KLSLILSELD INMDQFIDLC ILSGCDYCGT<br>IRGIGTSTAY KLLKKYHNIE SILKNIDQTK NPIPGNFDFFS KVRELFKNPL<br>VSKNNQIKDL IKWSNPKYEE LMEWLIKEQN FNEARVNSYC ERIKKSKNKT<br>SQTCLDGFFK TASNERKNTH ETSPRPPLSE KQKSETRKEV DSSLSCDKKK<br>VKIEETKIIS EWGAPVSKNL SSQAEKDLAE NSSEAPNQSS EIKVNKIEEN<br>KDESSTVEN TPSLQTKSPE PTMRPVKRKL NRLISESDED |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | FEN1   |
| <b>Protein Names</b>     | Recommended name: Flap endonuclease 1 Short name= FEN-1 EC= 3.1.-.-<br>Alternative name(s): Flap structure-specific endonuclease 1   |
| <b>Expression Region</b> | 1-490  |
| <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.<br>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.   |