



Recombinant *Aspergillus niger* Flap endonuclease 1 (fen1)

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| Product Code | CSB-EP008585AVE-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | A5ABU3 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Aspergillus niger</i> (strain CBS 513.88 / FGSC A1513) |
| Purity | >85% (SDS-PAGE) |
| Sequence | <p> MGIKQLYQVI SENAPDAIKA GDKNHFGRK VAIDASMSIY SFLIAVRSEG QQLMSDTGET TSHLMGMFYR TLRMVDNGIK PLYVFDGAPP KLKSGELAKR FARKSEATEA HEEAKETGTA EDVEKFSRRT VRVTREHNAE CKKLLKLMGI PYIDAPTEAE AQCAVLARAG KVYAAASEDM DTLCFETPIL LRHLTFSEQR KEPIQEIHLN RALEGLGMDR KQFIDLCILL GCDYLEPIPK VGPNTALKLI RDHGSLEKVL EFMENDPKKK FVVPEDWPYE DARELFLNPD VRDANDPECD FKWEAPDVPG LVDFLVKDKG FNEDRVKNGA ARLQKNLKSA QQSRLGFFK PVARTDEEKA SLKRKHDEKI QEQQKKKKKEE AKAKKEAKSR PRGAG </p> |
| 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 | 1-395 |
| 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. |