



Recombinant *Penicillium chrysogenum* Flap endonuclease 1 (fen1)

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| Product Code | CSB-MP008585ETH |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | B6HEM2 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Penicillium rubens</i> (strain ATCC 28089 / DSM 1075 / NRRL 1951 / Wisconsin 54-1255) (<i>Penicillium chrysogenum</i>) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MGIKHLYQVI SENAPDAIKT GEIKNHFGRK VAIDASMSIY SFLIAVRSEG QQLMSESGET TSHLMGMFYR TLRMVDNGIK PLYVFDGAPP KLKSGELAKR VARKAEATEA HEEAKETGTA EDIEKFSRRT VRVTREHNAE CKKLELMGI PFINAPTEAE AQCAVLARAG KVYAAASEDM DTLCFESPIL LRHLTFSEQR KEPIQEIHL D RALEGLDM DR AQFIDLCILL GCDYLEPIPK VGATTALSLI KEHKSLEKVL EFMKNDPKKK FVVPEDWPYE DARELFTNPD VRPADHPECD FKWEAPNVEG LIEFLVGDKG FNEDRVRNGA ARLSKHLKTA QQSRLGFFK PVARTEDEKA SLKRKHDEKL QQQKKKKKED AKAKKEAKAK PRGAA |
| Source | Mammalian cell |
| 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. |