



Recombinant *Phaeodactylum tricornutum* Flap endonuclease 1 (FEN1)

Product Code	CSB-EP008585EUF
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7G7Y7
Product Type	Recombinant Protein
Immunogen Species	<i>Phaeodactylum tricornutum</i> (strain CCAP 1055/1)
Purity	>85% (SDS-PAGE)
Sequence	MGIKGLAKLL SDEAPDCIRE VELKSLHGRK IAIDASMAIY QFLIAVRSGG PNQQATMLTN AEGETTSHIQ GMFNRTIRYM TEGIRPVFVF DGKPPDVKSH ELIKRREKRE KAQAALAVAS EEGNVEEQDK QSKRLVRAGT KENEDCRKLL TLMGVPVTA PCEAEAQAAA LCKAGLVYAT GTEDMDALTF ATPILVRKLT FANASKSMVQ TMNYNKVIEG LAISHDQFVD LCIMLGCDYC DTIRGVGPKT ALKLIREHGN IEKVIETIDR KKFVVPESWV PNEKKLDAQS DDDDEEGVES PSKEENNGIV DTEELIPAYV QARKLFNEHE VLNDIELKWK PCQAEDLQKF LVDDMGFNVD RVKNNIEKLQ AAYKANSKPQ TRMDSFFAVK ANPNAAKSAA KRKADAAKAK AAVSKKKTKK H
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	1-421
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.