



# Recombinant *Phaeodactylum tricornutum* Flap endonuclease 1 (FEN1)

<b>Product Code</b>	CSB-EP008585EUF-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B7G7Y7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Phaeodactylum tricornutum</i> (strain CCAP 1055/1)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>           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         </p>
<b>Source</b>	E.coli
<b>Target Names</b>	FEN1
<b>Protein Names</b>	Recommended name: Flap endonuclease 1 Short name= FEN-1 EC= 3.1.-.- Alternative name(s): Flap structure-specific endonuclease 1
<b>Expression Region</b>	1-421
<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. 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.