



Recombinant Danio rerio DNA- (apurinic or apyrimidinic site) lyase

Product Code	CSB-EP370646DIL
Storage	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.
Uniprot No.	A0MTA1
Product Type	Recombinant Protein
Immunogen Species	Danio rerio (Zebrafish) (Brachydanio rerio)
Purity	>85% (SDS-PAGE)
Sequence	MPKRAKKNEE GVDGEADNGT AAKKKEKKGK EPEAPILYED PPEKLTSKDG RAANMKITSW NVDGLRAWVK KNGLDWVRKE DPDILCLQET KCAEKALPAD ITGMPEYPHK YWAGSEDKEG YSGVAMLCKT EPLNVTYGIG KEEHDKEGRV ITAEFPDFFL VTAYVPNASR GLVRLDYRKT WDVDFRAYLC GLDARKPLVL CGDLNVAHQE IDLKNPKG NR KNAGFTPEER EGFTQLLEAG FTDSFRELYP DQAYAYTFWT YMMNARSKNV GWRLDYFVLS SALLPGLCDS KIRNTAMGSD HCPITLFLAV
Source	E.coli
Target Names	apex1
Protein Names	Recommended name: DNA-(apurinic or apyrimidinic site) lyase EC= 3.1.-.- EC= 4.2.99.18 Alternative name(s): APEX nuclease Short name= APEN Apurinic-apyrimidinic endonuclease 1 Short name= AP endonuclease 1 Short
Expression Region	1-310
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.