



# Recombinant Pongo pygmaeus DNA- (apurinic or apyrimidinic site) lyase

<b>Product Code</b>	CSB-YP386039EXP
<b>Storage</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.
<b>Uniprot No.</b>	A2T7I6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Pongo pygmaeus (Bornean orangutan)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	PKRGKKGAV AEDGDELKTE PEAKKSKTTA KKNDKEAAGE GPALYEDPPD QKTSPSGKPA TLKICSWNVD GLRAWIKKKG LDWVKEEAPD ILCLQETKCS ENKLP AELQE LPGLSHQYWS APSDKEGYSG VGLLSRQCPL KVSYGIGEEE HDQEGRVIVA EFDSFVLVTA YVPNAGRGLV RLEYRQRWDE AFRRFLKGLA SRKPLVLCGD LNVAHEEIDL RNPKGKNA GFTPQERQGF GELLQAVPLA DSFRHLYPNT PYAYTFWTYM MNARSKNVGW RLDYFLLSHS LLTALCDSKI RSKALGSDHC PITLYLAL
<b>Source</b>	Yeast
<b>Target Names</b>	APEX1
<b>Protein Names</b>	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 REF-1
<b>Expression Region</b>	2-318
<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 of Mature 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.