



# Recombinant Human DNA repair nuclease/redox regulator APEX1 (APEX1)

<b>Product Code</b>	CSB-MP001900HU
<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>	P27695
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	KNDKEAAGEGPALYEDPPDQKTSPSGKPATLKICSWNV DGLRAWIKKKGLDW VKEEAPDILCLQETKCSENKLP AELQELPGLSHQYWSAPSDKEGYSGVGLLSR QCPLKVSYGIGDEEHDQEGRVIVAEFDSFVLVTAYVPNAGRGLVRLEYRQRW DEAFRKF LKGLASRKPLVLCGDLNVAHEEIDLRNPKGNKKNAGFTPQERQGF GELLQAVPLADSFRLYPNTPYAYTFWTYMMNARSKNVGWRLDYFLLSHSLL PALCDSKIRSKALGSDHCPITLYLAL
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	Mammalian cell
<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 Short
<b>Expression Region</b>	32-318aa
<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.