

Recombinant Human APEX1

Catalog No: #GP10157

Package Size: #GP10157-1 100ug

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Description

Product Name	Recombinant Human APEX1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 15-224 amino acids of human APEX nuclease (multifunctional DNA repair enzyme) 1
Target Name	APEX nuclease (multifunctional DNA repair enzyme) 1
Other Names	APE; APX; APE1; APEN; APEX; HAP1; REF1
Accession No.	Swissprot:P27695Gene Accession:BC004979
Uniprot	P27695
GenID	328;
Storage	-20~-80°C, pH 7.6 PBS

Background

Apurinic/apyrimidinic (AP) sites occur frequently in DNA molecules by spontaneous hydrolysis, by DNA damaging agents or by DNA glycosylases that remove specific abnormal bases. AP sites are pre-mutagenic lesions that can prevent normal DNA replication so the cell contains systems to identify and repair such sites. Class II AP endonucleases cleave the phosphodiester backbone 5' to the AP site. This gene encodes the major AP endonuclease in human cells. Splice variants have been found for this gene; all encode the same protein.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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