

APEX1 抗原（重组蛋白）

中文名称：APEX1 抗原（重组蛋白）

英文名称：APEX1 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 15-224 amino acids of human APEX1

技术规格

Full name:	APEX nuclease (multifunctional DNA repair enzyme) 1
Synonyms:	APE; APX; APE1; APEN; APEX; HAP1; REF1
Swissprot:	P27695
Gene Accession:	BC004979
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	Apurinic/aprimidinic (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.