

Product Datasheet

Recombinant Human APE Protein H00000328-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00000328-P01-10ug

Recombinant Human APE Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Buffer	0

Product Description	
Description	<p>A recombinant protein with GST-tag at N-terminal corresponding to the amino acids 1-318 of Human APEX1 full-length ORF</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MPKRGKKGAVAEDGDELRTPEPEAKKSKTAAKKNKDEAAGEGPALYEDPPDQK TSPSGKPATLKICSWNVDGLRAWIKKKGLDWVKEEAPDILCLQETKCSENKLP ELQELPGLSHQYWSAPSDKEGYSGVGLLSRQCPLKVSYGIGEEHHDQEGRVIV AEFDSFVLVTAYVPNAGRGLVRLRYRQRWDEAFRKFGLKGLASRKPLVLCGDLN VAHEEIDLRNPKGNKKNAGFTPQERQGFCELLQAVPLADSFRLHLYPNTPYAYT FWTYMMNARSKNVGWRLDYFLLSHSLLPALCDSKIRSKALGSDHCPITLYLAL</p>
Gene ID	328
Gene Symbol	APEX1
Species	Human
Reactivity Notes	Human
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Functional, In vitro assay, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Functional, In vitro assay, Protein Array, Immunoaffinity Purification
Application Notes	Useful in Western Blot and ELISA. Use in Functional in reported in scientific literature (PMID:17272283). Use in In Vitro Assay reported in scientific literature (PMID: 17272283). This product may contain endotoxins and is not suitable for use with live cells.

Publications

Zhao J, Gao F, Zhang Y et al. Bcl2 inhibits abasic site repair by down-regulating APE1 endonuclease activity. J Biol Chem 2008-04-11 [PMID: 18263880]

Yang B, Chen K, Zhang C et al. Virion-associated uracil DNA glycosylase-2 and apurinic/aprimidinic endonuclease are involved in the degradation of APOBEC3G-edited nascent HIV-1 DNA. J Biol Chem 2007-04-20 [PMID: 17272283] (Func)

Vogel KS, Perez M, MomJR et al. Age-related instability in spermatogenic cell nuclear and mitochondrial DNA obtained from Apex1 heterozygous mice. Molecular Reproduction and Development. 2011-08-05 [PMID: 21919107]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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