

Recombinant Rattus APEX1 Protein, His-tagged

Cat. No. APEX1-17R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rattus APEX1 fused with HIS tag at C-terminal was expressed in E.coli.
Species	Rat
Source	E.coli
Description	DNA-(apurinic or apyrimidinic site) lyase is an enzyme that in humans is encoded by the APEX1 gene.
Endotoxin	<1.0 EU of Endotoxin/μg of recombinant protein as determined by the LAL method.
Purity	>90%
Quality Control Test	SDS-PAGE
Storage	In general, lyophilized proteins are good for up to two years when stored in -80 centigrade and for one year at -20centigrade while, proteins in 50% glycerol (to be stored at -20centigrade) are usually good for 6 months.

GENE INFORMATION

Gene Name	Apex1 apurinic/apyrimidinic endodeoxyribonuclease 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Apex1

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Synonyms	APE; Apex; REF-1
Gene ID	79116
mRNA Refseq	NM_024148
Protein Refseq	NP_077062
MIM	107748
UniProt ID	P43138
Chromosome Location	14q11.2
Pathway	Abasic sugar-phosphate removal via the single-nucleotide replacement pathway, organism-specific biosystem (from REACTOME); BER complex, organism-specific biosystem (from KEGG); BER complex, conserved biosystem (from KEGG)

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