

Datasheet for ABIN7574931
APEX1 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	APEX1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APEX1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA

Product Details

Purpose:	Recombinant Human APEX1 Protein, N-His
Sequence:	Thr61-Leu318

Target Details

Target:	APEX1
Alternative Name:	APEX1 (APEX1 Products)
Background:	APX, APE1, APEX nuclease, APEN, Redox factor-1, APE-1, REF1, APEX, APE, Apurinic-apyrimidinic endonuclease 1, HAP1, AP endonuclease 1, APEX1, DNA-(apurinic or apyrimidinic site) endonuclease, REF-1
Molecular Weight:	31.56 kDa
UniProt:	P27695

Target Details

Pathways:	DNA Damage Repair , Chromatin Binding , Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in sterile water for a stock solution.
Buffer:	Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.