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Datasheet for ABIN7121878

APEX1 Protein (AA 97-195) (His-IF2DI Tag)

1 Image

Overview

Quantity:	50 µg
Target:	APEX1
Protein Characteristics:	AA 97-195
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This APEX1 protein is labelled with His-IF2DI Tag.
Application:	Western Blotting (WB), ELISA

Product Details

Purity:	Greater than 95 % by SDS-PAGE gel analyses
Sterility:	0.2 µm filtered

Target Details

Target:	APEX1
Alternative Name:	APEX1 (APEX1 Products)
Background:	AP endonuclease 1, APE, APE1, APE-1, APEAPEX nuclease (multifunctional DNA repair enzyme), APENAP endonuclease class I, APEX deoxyribonuclease (apurinic or apyrimidinic), APEX nuclease (multifunctional DNA repair enzyme) 1, APEX nuclease
Molecular Weight:	31.7 kDa

Target Details

UniProt: [P27695](#)

Pathways: [DNA Damage Repair](#), [Chromatin Binding](#), [Cell RedoxHomeostasis](#), [Smooth Muscle Cell Migration](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex

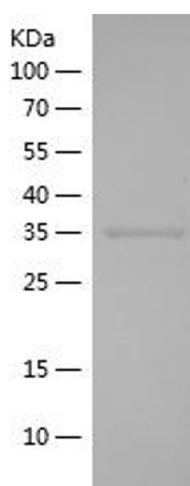
Buffer: Lyophilized from a 0.2 µm filtered solution in PBS with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months

Images



Western Blotting

Image 1.