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Datasheet for ABIN7504951
PUMA Protein (AA 1-193) (His tag)

Overview

Quantity:	100 µg
Target:	PUMA (BBC3)
Protein Characteristics:	AA 1-193
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PUMA protein is labelled with His tag.
Application:	Immunogen (Imm)

Product Details

Sequence:	Met1-Asn193
Characteristics:	A DNA sequence encoding the Human PUMA/BBC3 (Q9BXH1-1) (1M-193N) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.

Target Details

Target:	PUMA (BBC3)
Alternative Name:	PUMA (BBC3 Products)
Background:	Abbreviation: PUMA,BBC3 Target Synonym: BBC 3,Bbc3,BBC3_HUMAN,BCL 2 binding component 3,Bcl-2-binding component 3,BCL2 binding component 3,JFY 1,JFY-1,JFY1,p53 up regulated modulator of

Target Details

apoptosis,p53 up-regulated modulator of apoptosis,p53 Upregulated Modulator of Apoptosis,PUMA alpha,PUMA/JFY1

Background: Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis . Functions by promoting partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53. Regulates ER stress-induced neuronal apoptosis.

Molecular Weight: Calculated MW: 20.1 kDa
Observed MW: 20-24 kDa

UniProt: [Q9BXH1-1](#)

Pathways: [p53 Signaling](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

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

Comment: used as Immunogen for (ABIN6999884, ABIN7234184, ABIN7234185 and ABIN7234186)

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months
