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Datasheet for ABIN7505541

**Retinoblastoma 1 Protein (RB1) (AA 229-450) (His tag)**

## Overview

Quantity:	100 µg
Target:	Retinoblastoma 1 (RB1)
Protein Characteristics:	AA 229-450
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Retinoblastoma 1 protein is labelled with His tag.

## Product Details

Sequence:	Arg 229-Met 450
Characteristics:	A DNA sequence encoding the Rat RB1 protein (P33568) (Arg 229-Met 450) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Retinoblastoma 1 (RB1)
Alternative Name:	RB1 ( <a href="#">RB1 Products</a> )
Background:	Background: Retinoblastoma 1 protein (RB-1, also retinoblastoma-associated protein, pp110, and p105-Rb) is a 110 kDa tumor suppressor gene and member of the retinoblastoma protein family. Rat RB-1 is 920 amino acids in length. The protein contains a Pocket domain (a Synonym: OSRC, osteosarcoma, p105-Rb, pp110, pRb, RB, RB1, retinoblastoma 1,

## Target Details

	retinoblastoma susceptibility protein, retinoblastoma-associated protein
Molecular Weight:	24.31 kDa
UniProt:	<a href="#">P33568</a>
Pathways:	<a href="#">Cell Division Cycle</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Maintenance of Protein Location</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Autophagy</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
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