

## Recombinant Human RB1, GST-tagged

Cat. No. RB1-2197H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RB1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	576-928aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	RB1 retinoblastoma 1 [ Homo sapiens ]
<b>Official Symbol</b>	RB1
<b>Synonyms</b>	RB1; retinoblastoma 1; OSRC, osteosarcoma; retinoblastoma-associated protein; RB; retinoblastoma susceptibility protein; pRb; OSRC; pp110; p105-Rb;
<b>Gene ID</b>	5925

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<b>mRNA Refseq</b>	NM_000321
<b>Protein Refseq</b>	NP_000312
<b>MIM</b>	614041
<b>UniProt ID</b>	P06400
<b>Chromosome Location</b>	13q14.2
<b>Pathway</b>	Adipogenesis, organism-specific biosystem; Androgen Receptor Signaling Pathway, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem;
<b>Function</b>	DNA binding; RNA polymerase II activating transcription factor binding; androgen receptor binding; core promoter binding; kinase activity; kinase binding; molecular_function; phosphoprotein binding; protein binding; sequence-specific DNA binding transcrip

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