

Recombinant Human RB1 protein, T7/His-tagged

Cat. No. RB1-173H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RB1 pocket domain cDNA (372 -787 aa) protein fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	372-787 aa
Form	0.1 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRGHHHHHGNLYFQGGHEHPVRTVMNTIQQLMMILNSASDQPS ENLISYFNNCTVNPKESILKR VKDIGYIFKEKFAKAVGQGCVEIGSQRYKLGVRLYYR VMESMLKSEEERLSIQNFSKLLNDNIFHMSELLACALEV VMATYSRSTSQNLDSGTDL SFPWILNVLNLKAFDFYKVIIESFIKAEGNLTREMIKHLERCEHRIMESLAWLSDSP LF DLIKQSKDREGPTDHLESACPLNPLQNNHTAADMYLSPVRSPPKKKGSTTRVNSTA NAETQATSAFQTQKPLK STSLSLFYKKVYRLAYLRNLTLRLLSEHPELEHIIWTLF QHTLQNEYELMRDRHLDQIMMCSMYGICKVKNID LKFKIIVTAYKDLPHAVQETFKR VLIKEEYDSIIVFYNSVFMQRLKTNILQYASTRPPTLSPIPHIPR
Purity	>90% by SDS-PAGE.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



GENE INFORMATION

Gene Name	RB1 retinoblastoma 1 [Homo sapiens]
Official Symbol	RB1
Synonyms	RB1; retinoblastoma 1; OSRC, osteosarcoma; retinoblastoma-associated protein; RB; retinoblastoma susceptibility protein; pRb; OSRC; pp110; p105-Rb;
Gene ID	5925
mRNA Refseq	NM_000321
Protein Refseq	NP_000312
MIM	614041
UniProt ID	P06400
Chromosome Location	13q14.2
Pathway	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; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	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

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binding transcription factor activity; transcription coactivator activity; transcription factor binding; ubiquitin protein ligase binding;

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