

Recombinant Human RB1 protein, His-tagged

Cat. No. RB1-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RB1 protein, His-tagged(792-928 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	792-928 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
Molecular Mass	Approximately 16.5 kDa, a single non-glycosylated polypeptide chain containing 146 amino acids.
AASequence	MASFPSSPLR IPGGNIYISP LKSPYKISEG LPTPTKMTPR SRILVSIGES FGTSEKFQKI NQMVCNSDRV LKRSAEGSNP PKPLKKLRFD IEGSDEADGS KHLPGESKFQ QKLAEMTSTR TRMQKQKMND SMDTSNKEEK HHHHHH
Endotoxin	Less than 1 EU/µg of rHuRb137, His as determined by LAL method.
Purity	≥ 95 % by SDS-PAGE analysis.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

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](#)

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