

Recombinant Human RB1 protein, His-tagged

Cat. No. RB1-0401H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RB1 protein(576-928 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	576-928 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SKDREGPTDHLESACPLNLPLQNNHTAADMYLSPVRSPPKKKGSTTRVNSTANAETQ ATSAFQTQKPLKSTLSLFLYKKVYRLAYLRLNLTLCERLLSEHPELEHIIWTLFQHTLQN EYELMRDRHLDQIMMCSMYGICKVKNIDLKFKIIVTAYKDLPHAVQETFKRVLIKEEY DSIIVFYNSVFMQRLKTNILQYASTRPPTLSPIPHIPRSPYKFPSSPLRIPGGNIYISPLK SPYKISEGLPTPTKMTPRSRILVSIGESFGTSEKFQKINQMVCNSDRVLKRSAEGSNP PKPLKCLRFDIEGSDEADGSKHLPGESKFQKLAEMTSTRTRMQKQKMNDMSMDTS NKEEK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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