

Retinoblastoma Associated Protein Human Recombinant

Item Number	rAP-4660
Synonyms	RB, OSRC, RB-1, RB1, p105-Rb, OSTEOSARCOMA, RETINOBLASTOMA-RELATED, PP110, Retinoblastoma-associated protein.
Description	Retinoblastoma Human Recombinant fused with 6X His tag produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 146 amino acids and having a molecular mass of 16.5 kDa. The Retinoblastoma is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P06400
Amino Acid Sequence	MASFPSSPLRIPGGNIYISPLKSPYKISEGLPTPTKMTPRSRILVSI- GESFGTSEKFQKINQMVCNSDRVLKRSAEGSNPPKPLKKLRFDIEGSDEADGSKHLPGESKFQKLAEMT STRTRMQKQKMNDSDMTSNKEEKHHHHHH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Retinoblastoma although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Retinoblastoma should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Formulation and Purity	The RB1 (1 mg/ml) was lyophilized after extensive dialyses against 1xPBS pH-7.4. Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Retinoblastoma in sterile 18MΩ-cm H ₂ O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**