

Recombinant Human RBBP5, His-tagged

Cat. No. RBBP5-28182TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 359-538 of Human RbBP5 with an N terminal His tag. Predicted mwt: 20 kDa;
Species	Human
Source	E.coli
ProteinLength	359-538 a.a.
Description	This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. The encoded protein binds directly to retinoblastoma protein, which regulates cell proliferation. It interacts preferentially with the underphosphorylated retinoblastoma protein via the E1A-binding pocket B. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
Conjugation	HIS
Tissue specificity	Ubiquitously expressed.
Form	Lyophilised:Reconstitute with 148 µl distilled water.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KSEPEQTGADAAEEDVDVTSVDPIAAFCSSDEELED SKA LLYLP I APEVEDPEENP Y G P P P D A V Q T S L M D E G A S S E K K R Q S S A D G S Q P P K K K P K T T N I E L Q G V P N D E V H P L L G V K G D G K S K K K Q A G R P K G S K G K E K D S P F K P K L Y K G D R G L P L E G S A K G K V Q A E L S Q P L T A G G A I S E L L
Sequence Similarities	Contains 6 WD repeats.

GENE INFORMATION

Gene Name	RBBP5 retinoblastoma binding protein 5 [Homo sapiens]
Official Symbol	RBBP5
Synonyms	RBBP5; retinoblastoma binding protein 5; retinoblastoma-binding protein 5; RBQ3; SWD1; Set1c WD40 repeat protein; homolog (S. cerevisiae);
Gene ID	5929
mRNA Refseq	NM_001193272
Protein Refseq	NP_001180201
MIM	600697
Uniprot ID	Q15291
Chromosome Location	1q32

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Function

contributes_to histone methyltransferase activity (H3-K4 specific); methylated histone residue binding; protein binding; transcription regulatory region DNA binding;

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