

Recombinant Human Retinoblastoma Binding Protein 9, His-tagged

Cat. No. RBBP9-1543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RBBP9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	Retinoblastoma binding protein, also known as RBBP9, localizes to both the nucleus and the cytoplasm. RBBP9 is a retinoblastoma binding protein that may play a role in the regulation of cell proliferation and differentiation. Specifically, RBBP9 interacts with retinoblastoma(Rb) and provides cellular resistance to the growth-inhibitory effects of TGFbeta1, thus facilitating the cellular transformation process.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl
Molecular Weight	23.1 kDa (206aa), confirmed by MALDI-TOF
Purity	> 95% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MASPSKAVIV PGNGGGDVTT HGWYGWVKKE LEKIPGFQCL AKNMPDPITA RESIWLPMFE TELHCDEKTI IIGHSSGAIA

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AMRYAETHRV YAIVLVSAYT SDLGDENERA SGYFTRPWQW EKI KANCPYI
VQFGSTDDPF LPWKEQQEVA DRLETKLHKF TDCGHFQNT E FHELITVVK S
LLKVPA

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

RBBP9 retinoblastoma binding protein 9 [Homo sapiens]

Official Symbol

RBBP9

Synonyms

RBBP9; BOG; RBBP10; MGC9236; retinoblastoma binding protein 9; putative hydrolase RBBP9; RBBP-9; RBBP-10; OTTHUMP00000030360; retinoma-binding protein 9; B5T overexpressed gene protein; B5T-overexpressed gene protein; retinoblastoma-binding protein 9; retinoblastoma-binding protein 10

Gene ID

1074

mRNA Refseq

NM_006606

Protein Refseq

NP_006597

MIM

602908

UniProt ID

O75884

**Chromosome
Location**

20p11.2

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Function	hydrolase activity
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