

# Recombinant Full Length Human RBBP8 Protein, GST-tagged

**Cat. No.** RBBP8-6835HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human RBBP8 full-length ORF ( NP_002885.1, 1 a.a. - 897 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	897 amino acids
<b>Description</b>	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. This protein complexes with transcriptional co-repressor CTBP. It is also associated with BRCA1 and is thought to modulate the functions of BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control. It is suggested that this gene may itself be a tumor suppressor acting in the same pathway as BRCA1. Three transcript variants encoding two different isoforms have been found for this gene.
<b>Molecular Mass</b>	128.3 kDa
<b>AA Sequence</b>	MNISGSSCGSPNSADTSSDFKDLWTKLKECHDREVQGLQVKVTKLKQERILDAQRL EEFFTKNQQLREQQKVLHETIKVLEDRLRAGLCDRCAVTEEHMRKKQQEFENIRQQ NLKLITELMNERNTLQEENKKLSEQLQQKIENDQQHQAAELECEEDVIPDSPITAFSF SGVNRLRRKENPHVRYIEQTHTKLEHSVCANEMRKVSKSSTHPQHNPNEILVAD TYDQSQSPMAKAHGTSSYTPDKSSFNLATVVAETLGLGVQEESETQGPMSPLGDEL

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YHCLEGNHKKQPFEESTRNTEDSLRFSDSTSKTPPQEELPTRVSSPVFGATSSIKSG  
 LDLNTSLSPSLLQPGKKKHLKTLPFNTCISRLEKTRSKSEDSALFTHHSLGSEVNIKII  
 QSSNKQILINKNISESLGEQNRTEYGKDSNTDKHLEPLKSLGGRTSKRKKTEEESEH  
 EVSCPQASFDKENAFPPMDNQFSMNGDCVMDKPLDLSDRFSAIQRQEKSQGSET  
 SKNKFRQVTLYEALKTIPKGFSSSRKASDGNCTLPKDSPGEPSCQECIILQPLNKCSP  
 DNKPSLQIKEENAVFKIPLRPRESLETENVLDDIKSAGSHEPIKIQTRSDHGGCELASV  
 LQLNPCRTGKIKSLQNNQDVSFENIQWSIDPGADLSQYKMDVTVIDTKDGSQSKLGG  
 ETVDMDCTLVSETVLLKMKKQEQQGEKSSNEERKMNDSLEDMFDRTTTHEEYESCL  
 ADSFSQAADEEEELSTATKKLHTHGDKQDKVKQKAFVEPYFKGDERETSLQNFPHI  
 EVVRKKEERRKLLGHTCKECEIYYADMPAEEREKKLASCSRHRFRYIPPNTPENFW  
 EVGFPSTQTCMERYIKEDLDPCPRPKRRQPYNAIFSPKGKEQKT

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes** Best use within three months from the date of receipt of this protein.

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** **RBBP8 RB binding protein 8, endonuclease [ Homo sapiens (human) ]**

**Official Symbol** **RBBP8**

**Synonyms** RBBP8; RB binding protein 8, endonuclease; RIM; COM1; CTIP; JWDS; SAE2; SCKL2; DNA endonuclease RBBP8; CTBP-interacting protein; RBBP-8;

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retinoblastoma binding protein 8; sporulation in the absence of SPO11 protein 2 homolog

**Gene ID** 5932

**mRNA Refseq** NM\_002894

**Protein Refseq** NP\_002885

**MIM** 604124

**UniProt ID** Q99708

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