

Recombinant Full Length Human RBBP8 Protein, GST-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	897 amino acids
Description	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.
Molecular Mass	128.3 kDa
AA Sequence	MNISGSSCGSPNSADTSSDFKDLWTKLKECHDREVQGLQVKVTKLKQERILDAQRL EEFFTKNQQLREQQKVLHETIKVLEDRLRAGLCDCAVTEEHMRKKQQEFENIRQQ NLKLITELMNERNLTQEENKKLSEQLQQKIENDQQHQAEELECEEDVIPDSPITAFSF SGVNRLRRKENPHVRYIEQTHTKLEHSVCANEMRKVSKSSTHPQHNPNEILVAD TYDQSQSPMAKAHGTSSYTPDKSSFNLATVVAETLGLGVQEESETQGPMSPLGDEL

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YHCLEGNHKKQPFEESTRNTEDSLRFSDSTSKTPPQEELPTRVSSPVFGATSSIKSG
 LDLNTSLSPSLLQPGKKKHLKTLPFNTCISRLEKTRSKSEDSALFTHHSLGSEVNKIII
 QSSNKQILINKNISESLGEQNRTEYGKDSNTDKHLEPLKSLGGRTSKRKKTEEESEH
 EVSCPQASFDKENAFPPMDNQFSMNGDCVMDKPLDLSDRFSAIQRQEKSQGSET
 SKNKFRQVTLYEALKTIPKGFSSSRKASDGNCTLPKDSPGEPSCQECIILQPLNKCSP
 DNKPSLQIKEENAVFKIPLRPRESLETENVLDDIKSAGSHEPIKIQTRSDHGGCELASV
 LQLNPCRTGKIKSLQNNQDVSFENIQWSIDPGADLSQYKMDVTVIDTKDGSQSKLGG
 ETVDMDCTLVSETVLLKMKKQEQKGEKSSNEERKMNDLEDMDRRTTHEEYESCL
 ADSFSQAADEEEELSTATKKLHTHGDKQDKVKQKAFVEPYFKGDERETSLQNFPHI
 EVVRKKEERRKLLGHTCKECEIYYADMPAEEREKKLASCSRHRFRYIPPNTPENFW
 EVGFPSTQTCMERGYIKEDLDPCPRPKRRQPYNAIFSPKGKEQKT

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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