

Recombinant Human RBBP8 Protein, GST-tagged

Cat. No. RBBP8-2202H 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	Wheat Germ
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
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.

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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.
AA Sequence	MNISGSSCGSPNSADTSSDFKDLWTKLKECHDREVQGLQVKVTKLKQERILDAQRL EEFFTKNQQLREQQKVLHETIKVLEDRLRAGLCDRCATEEHMRKKQQEFENIRQQ NLKLITELMNERNTLQEENKKLSEQLQQKIENDQQHQAAELECEEDVIPDSPITAFSF SGVNRLRRKENPHVRYIEQTHTKLEHSVCANEMRKVSKSSTHPQHNPNEILVAD TYDQSQSPMAKAHGTSSYTPDKSSFNLATVVAETLGLGVQEESETQGPMSPLGDEL YHCLEGNHKKQPFEESTRNTEDSLRFSDSTSKTPPQEELPTRVSSPVFGATSSIKSG LDLNTSLSPSLLQPGKKKHLKTLPFSTNCISRLEKTRSKSEDSALFTHHSLGSEVNKIII QSSNKQILINKNISESLGEQNRTEYGKDSNTDKHLEPLKSLGGRTSKRKKTEEESEH EVSCPQASFDKENAFPPMDNQFSMNGDCVMDKPLDLSDRFSAIQRQEKSQGSET SKNKFRQVTLYEALKTIPKGFSSSRKASDGNCTLPKDSPEPCSQECIILQPLNKCSP DNKPSLQIKEENAVFKIPLRPRESLETENVLDDIKSAGSHEPIKIQTRSDHGGCELASV LQLNPCRTGKIKSLQNNQDVSFENIQWSIDPGADLSQYKMDVTVIDTKDGSQSKLGG ETVDMDCTLVSETVLLKMKKQEQKGEKSSNEERKMNDSLEDMFDRTTHEEYESCL ADSFQAADDEEEELSTATKKLHTHGDKQDKVKQKAFVEPYFKGDERETSLQNFPHI EVVRKKEERRKLLGHTCKECEIYYADMPAEEREKKLASCSRHRFRYIPPNTPENFW EVGFPSTQTCMERGYIKEDLDPCPRPKRRQPYNAIFSPKGKEQKT
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; 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
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.

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