

Recombinant Full Length Human BUB1B Protein

Cat. No. BUB1B-59HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human BubR1 with a proprietary N terminal tag: predicted molecular weight 141.61 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1050 amino acids
Description	This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer.
Form	Liquid
Molecular Mass	141.610kDa inclusive of tags
AA Sequence	MAAVKKEGGALSEAMSLEGDEWELSKENVQPLRQGRIMST LQGALAQESACNNTL QQQKRAFEYEIRFYTGNDPLDVWDR YISWTEQNYPPQGGKESNMSTLLERAVEALQ GEKRYYS DPR FLNLWLKLGRLCNEPLDMYSYLHNQGIGVSLAQFYISWAE EYEAR ENFRKADAI FQEGIQQKAEPLERLQSQHRQFQARV SRQTL LALEKEEEEEVFESSV PQRSTLAELKSKGKKTARA PIIRVGGALKAPSQNRGLQNPFPQQMQNNSRITVFDE NAD EASTAELSKPTVQPWIAPPMPRAKENELQAGPWNTGRSLE HRPRGNTASLIA

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VPAVLPSFTPYVEETAQQPVMTCPKIEP SINHILSTRKPGKEEGDSLQRVQSHQQAS
 EEKKEKMMYCK EKIYAGVGEFSFEEIRA EVFRKKLKEQREAE LLTSAEKRA EMQKQ
 IEEMEKKLKEIQT TQERTGDQ QEETMPTKETTKL QIAS ESQKIPGMTLSS SVCQVN
 CCARETSLAENIWQE QPH SKGPSVPFSIFDEFLLSEKKNKSPPADPPRVLAQRRPL
 AV LKTSESITSNEDVSPDVCDEFTGIEPLSEDAITGFRNVT ICPNPEDTCDFAAR
 FVSTPFHEIMSLKDLPSDPERLLP EEDLDVKTSEDQQTACGTIYSQTL SIKKLSPIED
 SREAT HSSGFSGSSASVASTSSIKCLQIPEKLELTNETSENPTQS PWCSQYRRQLL
 KSLPELSASAELCIEDRPMPKLEIEKEIE LGNEDYCIKREY LICEDYKLFWWAPRNSAE
 LTVIKVSSQP VPWDFYINLKLKERLNEDFDHFCSCYQYQDGCIVWHQYIN CFTLQD
 LLQHSEYITHEITVLIYNLLTIVEMLHKA EIVH GDLSRCLILRNRIHDPYDCNKNQA
 LKIVDFSYSVDLRV QLDVFTLSGFRTVQILEGQKILANCSSPYQVDLFGIADLA HLLL
 FKEHLQVFWDG SFWKLSQNISELKD GELWNKFFVRI LNADEATVSVLGELAAEMN
 GVFDTTFQSHLNKALWKVGK LTSPGALLFQ

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name BUB1B budding uninhibited by benzimidazoles 1 homolog beta (yeast) [Homo sapiens]

Official Symbol BUB1B

Synonyms BUB1B; budding uninhibited; budding uninhibited by benzimidazoles 1 (yeast homolog), beta; mitotic checkpoint serine/threonine-protein kinase BUB1 beta;

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Bub1A; BUBR1; MAD3L; SSK1

Gene ID	701
mRNA Refseq	NM_001211
Protein Refseq	NP_001202
MIM	602860
UniProt ID	O60566

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