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 YISWTEQNYPQGGKESNMSTLLERAVEALQ GEKRYYSDPR FLNLWLKLGRLCNEPLDMYSYLHNQGIGVSLAQFYISWAE EYEAR ENFRKADAIFQEGIQQKAEPLERLQSQHRQFQARV SRQTLLALEKEEEEEVFESSV PQRSTLAELKSKGKKTARA PIIRVGGALKAPSQNRGLQNPFPQQMQNNSRITVFDE NAD EASTAELSKPTVQPWIAPPMPRAKENELQAGPWNTGRSLE HRPRGNTASLIA

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	VPAVLPSFTPYVEETAQQPVMTPCKIEP SINHILSTRKPGKEEGDSLQRVQSHQQAS EEKKEKMMYCK EKIYAGVGEFSFEEIRAEVFRKKLKEQREAELLTSAEKRA EMQKQ IEEMEKKLKEIQTTQQERTGDQQEETMPTKETTKL QIASESQKIPGMTLSSSVCQVN CCARETSLAENIWQEQPH SKGPSVPFSIFDEFLLSEKKNKSPPADPPRVLAQRRPL AV LKTSESITSNEDVSPDVCDEFTGIEPLSEDAIITGFRNVT ICPNPEDTCDFARAAR FVSTPFHEIMSLKDLPSDPERLLP EEDLDVKTSEDQQTACGTIYSQTLSIKKLSPIIED SREAT HSSGFSGSSASVASTSSIKCLQIPEKLELTNETSENPTQS PWCSQYRRQLL KSLPELSASAELCIEDRPMPKLEIEKEIE LGNEDYCIKREYLICEDYKLFWVAPRNSAE LTVIKVSSQP VPWDFYINLKLKERLNEDFDHFCSCYQYQDGCIVWHQYIN CFTLQD LLQHSEYITHEITVLIIYNLLTIVEMLHKAEIVH GDLSPRCLILRNRIHDPYDCNKNNQA LKIVDFSYSVDLRV QLDVFTLSGFRTVQILEGQKILANCSSPYQVDLFGIADLA HLLL FKEHLQVFWDGSFWKLSQNISELKDGELWNKFFVRI LNANDEATVSVLGELAAEMN 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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