Recombinant Human BUB1 Protein, GST-tagged

Cat. No. BUB1-400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BUB1 full-length ORF (AAH28201.1, 1 a.a. - 1085 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a kinase involved in spindle checkpoint function. The kinase functions in part by phosphorylating a member of the miotic checkpoint complex and activating the spindle checkpoint. Mutations in this gene have been associated with aneuploidy and several forms of cancer.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	145.09 kDa
AA Sequence	MDTPENVLQMLEAHMQSYKGNDPLGVWERYIQWVEENFPENKEYLITLLEHLMKEF LDKKKYHNDPRFISYCLKFAEYNSDLRQFFEFLYNHGIGTLSSPLYIAWAGHLEAQGE LQHASAVLQRGIQNQAEPREFLQQQYRLFQTRLTETHLPAQARTSEPLHNVQVLNQ MITSKSNPGNNMACISKNQGSELSGVISSACDKESNMERRVITISKSEYSVHSSLASK VDVEQVVMYCKEKLIRGESEFSFEELRAQKYNQRRKHEQWVNEDRHYMKRKEANA FEEQLLKQKMDELHKKLHQVVETSHEDLPASQERSEVNPARMGPSVGSQQELRAP CLPVTYQQTPVNMEKNPREAPPVVPPLANAISAALVSPATSQSIAPPVPLKAQTVTD SMFAVASKDAGCVNKSTHEFKPQSGAEIKEGCETHKVANTSSFHTTPNTSLGMVQA TPSKVQPSPTVHTKEALGFIMNMFQAPTLPDISDDKDEWQSLDQNEDAFEAQFQKN

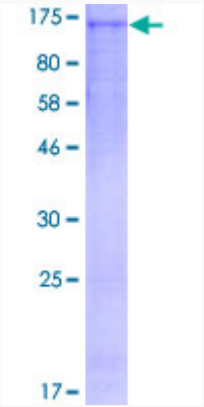
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	VRSSGAWGVNKIISSLSSAFHVFEDGNKENYGLPQPKNKPTGARTFGERSVSRLPS KPKEEVPHAEEFLDDSTVWGIRCNKTLAPSPKSPGDFTSAAQLASTPFHKLPVESVH ILEDKENVVAKQCTQATLDSCEENMVVPSRDGKFSPIQEKSPKQALSSHMYSASLLR LSQPAAGGVLTCEAELGVEACRLTDTDAAIAEDPPDAIAGLQAEWMQMSSLGTVDA PNFIVGNPWDDKLIFKLLSGLSKPVSSYPNTFEWQCKLPAIKPKTEFQLGSKLVYVHH LLGEGAFAQVYEATQGDLNDAKNKQKFVLKVQKPANPWEFYIGTQLMERLKPSMQ HMFMKFYSAHLFQNGSVLVGELYSYGTLLNAINLYKNTPEKVMPQGLVISFAMRMLY MIEQVHDCEIIHGDIKPDNFILGNGFLEQDDEDDLSAGLALIDLGQSIDMKLFPKGTIFT AKCETSGFQCVEMLSNKPWNYQIDYFGVAATVYCMLFGTYMKVKNEGGECKPEGL FRRLPHLDMWNEFFHVMLNIPDCHHLPSLDLLRQKLKKVFQQHYTNKIRALRNRLIVL LLECKRSRK
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.
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	BUB1 budding uninhibited by benzimidazoles 1 homolog (yeast) [Homo sapiens]
Official Symbol	BUB1
Synonyms	BUB1; budding uninhibited; BUB1L, budding uninhibited by benzimidazoles 1 (yeast homolog); mitotic checkpoint serine/threonine-protein kinase BUB1; BUB1A; hBUB1; mitotic spindle checkpoint kinase; putative serine/threonine-protein kinase; BUB1 budding uninhibited by benzimidazoles 1 homolog; BUB1L;
Gene ID	699

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mRNA Refseq	NM_004336
Protein Refseq	NP_004327
MIM	602452
UniProt ID	O43683
	

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