

Recombinant Human BUB3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BUB3-1224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BUB3 MS Standard C13 and N15-labeled recombinant protein (NP_001007794) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein involved in spindle checkpoint function. The encoded protein contains four WD repeat domains and has sequence similarity with the yeast BUB3 protein. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Molecular Mass	36.8 kDa
AA Sequence	<p>MTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHT GAVLDCAFYDPTHAWSGGLDHQLKMHDLNTDQENLVGTHDAPIRCVEYCPEVNVN VTGSWDQTVKLVDPRTPCNAGTFSQPEKVYTLVSGDRLIVGTAGRRVLVWDLRN MGYVQQRRESSLKYQTRCIRAFPNKQGYVLSSIEGRVAVEYLDPSPEVQKKKYAFK CHRLKENNIEQIYPVNAISFHNIHNTFATGGSDGFVNIWDPFNKKRLCQFHRYPTSIA SLAFSNDGTTLAIASSYMYEMDDTEHPEDGIFIRQVTD AETKPKSTTRTRPLEQKLIS EEDLAANDILDYKDDDDKV</p>
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

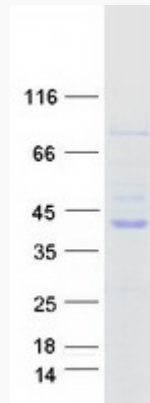
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	BUB3 BUB3 mitotic checkpoint protein [Homo sapiens (human)]
Official Symbol	BUB3
Synonyms	BUB3; budding uninhibited; BUB3 (budding uninhibited by benzimidazoles 3, yeast) homolog; mitotic checkpoint protein BUB3; BUB3L; mitotic checkpoint component; budding uninhibited by benomyl; BUB3 budding uninhibited by benzimidazoles 3 homolog; hBUB3;
Gene ID	9184
mRNA Refseq	NM_001007793
Protein Refseq	NP_001007794
MIM	603719
UniProt ID	O43684

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SDS-PAGE



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