

Product datasheet for **TP320961M**

BUB3 (NM_001007793) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human budding uninhibited by benzimidazoles 3 homolog (yeast) (BUB3), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>Peptide sequence encoded by RC220961
Clone or AA Sequence:	Blue=ORF Red=Cloning site Green=Tag(s)

MTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHTGAVLDCAFYDPTH
AWSGGLDHQLKMHDLNTDQENLVGTHDAPIRCVEYCPEVNVMTGSDWQTVKLWDPRTPCNAGTFSQPE
KVYTLVSGDRLIVGTAGRRVLVWDLRNMGYVQQRRESSLKYQTRCIRAFPNKGGYVLSSIEGRVAVEY
LDPSPEVQKKKYAFKCHRLKENNIEQIYPVNAISFHNIHNTFATGGSDGFVNIWDPFNKKRLCQFHRYP
TSIASLAFSNDGTTLAIASSYMYEMDDTEHPEDGIFIRQVTD AETKPKST
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Recombinant protein using RC220961 also available, [TP320961](#)

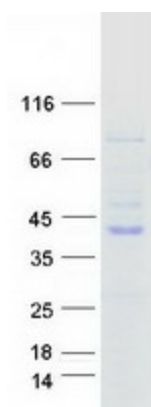
Tag:	C-Myc/DDK
Predicted MW:	36.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001007794



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Locus ID:	9184
UniProt ID:	O43684 , A0A140VJF3
RefSeq Size:	1374
Cytogenetics:	10q26.13
RefSeq ORF:	978
Synonyms:	BUB3L; hBUB3
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle

Product images:



Coomassie blue staining of purified BUB3 protein (Cat# [TP320961]). The protein was produced from HEK293T cells transfected with BUB3 cDNA clone (Cat# [RC220961]) using MegaTran 2.0 (Cat# [TT210002]).