

## Product datasheet for **TP504752**

### Bub3 (NM\_009774) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse BUB3 mitotic checkpoint protein (Bub3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204752 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MTGSNEFKLNQPPEDGISSVKFSPNTSQFLLVSSWDTSVRLYDVPANSMRLKYQHTGAVLDCAFYDPTHA          WSGGLDHQLKMHDLNTDQENLVGTHDAPIRCVEYCPEVNVMTGSDQTVKLWDPRTPCNAGTFSQPEKV          YTLVSVDRLIVGTAGRRVLVWDLRNMGYVQQRRESSLKYQTRCIRAFPNKQGYVLSSIEGRVAVEYLDLP          SPEVQKKKYAFKCHRLKENNIEQIYPVNAISFHNHNTFATGGSDGFVNIWDPFNKKRLCQFHRYPTSIA          SLAFSNDGTTLAIASSYMYEMDDTEHPEDGIFIRQVTD AETKPKST</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	37 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
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 after receiving vials.
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:	<a href="#">NP_033904</a>
Locus ID:	12237
UniProt ID:	<a href="#">Q9WVA3</a>



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**RefSeq Size:** 2055

**Cytogenetics:** 7 74.36 cM

**RefSeq ORF:** 981

**Synonyms:** AU019800; AU021329; AU043350; AW146323; C78067

**Summary:** This gene encodes a component of the mitotic spindle assembly complex. The encoded protein is involved in the regulation of chromosome segregation during oocyte meiosis. Disruption of this gene results in the accumulation of mitotic errors and is lethal in the embryonic stage. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2015]