

## Recombinant Mouse Bub1 Protein, MYC/DDK-tagged

**Cat. No.** Bub1-725M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse BUB1, mitotic checkpoint serine/threonine kinase (Bub1), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                              |
| <b>Description</b>      | Biased expression in CNS E11.5 (RPKM 13.2), liver E14 (RPKM 9.4) and 10 other tissues.                                                                              |
| <b>Molecular Mass</b>   | 120.2 kDa                                                                                                                                                           |
| <b>Purity</b>           | >80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                          |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                      |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                    |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                               |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                        |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Bub1 BUB1, mitotic checkpoint serine/threonine kinase [ Mus musculus (house mouse) ]                                                                                                                                   |
| <b>Official Symbol</b> | Bub1                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | Bub1; BUB1, mitotic checkpoint serine/threonine kinase; Bub1a; C80208; D2Xrf87; AL022991; mitotic checkpoint serine/threonine-protein kinase BUB1; budding uninhibited by benzimidazoles 1 homolog; mBUB1; EC 2.7.11.1 |
| <b>Gene ID</b>         | 12235                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_001113179                                                                                                                                                                                                           |
| <b>Protein Refseq</b>  | NP_001106650                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | O08901                                                                                                                                                                                                                 |

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