

## Recombinant Mouse Cdca3 Protein, MYC/DDK-tagged

**Cat. No.** Cdca3-1059M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse cell division cycle associated 3 (Cdca3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                  |
| <b>Description</b>      | F-box-like protein which is required for entry into mitosis. Acts by participating in E3 ligase complexes that mediate the ubiquitination and degradation of WEE1 kinase at G2/M phase (By similarity). |
| <b>Molecular Mass</b>   | 28.6 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

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|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Cdca3 cell division cycle associated 3 [ Mus musculus (house mouse) ]                                                                                                                                                                    |
| <b>Official Symbol</b> | Cdca3                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | Cdca3; cell division cycle associated 3; C8; Grcc8; Tome-1; 2410005A12Rik; cell division cycle-associated protein 3; gene rich cluster, C8; gene-rich cluster protein C8; trigger of mitotic entry 1; trigger of mitotic entry protein 1 |
| <b>Gene ID</b>         | 14793                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_013538                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_038566                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q99M54                                                                                                                                                                                                                                   |

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