

## Recombinant Human RMND5B Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** RMND5B-1275H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | RMND5B MS Standard C13 and N15-labeled recombinant protein (NP_073599) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | RMND5B (Required For Meiotic Nuclear Division 5 Homolog B) is a Protein Coding gene. Diseases associated with RMND5B include Dyskeratosis Congenita, Autosomal Recessive 2 and Dyskeratosis Congenita, Autosomal Recessive 1. An important paralog of this gene is RMND5A.                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 44.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MEQCACVERELDKVLQKFLTYGQHCCERSLEELLHYVGQLRAELASAAALQGTPLSAT<br>LSLVMSQCCRKIKDTVQKLASDHKDIHSSVSRVGKAIDRNFSEICGVVSDAVWDAR<br>EQQQQILQMAIVEHLYQQGMLSVAEELCQESTLNVDLDFKQPFLELNRILEALHEQD<br>LGPALWAVSHRQRLLELNSSLEFKLHRLHFIRLLAGGPAKQLEALSYARHFQPFAR<br>LHQREIQVMMGSLVYLRLGLEKSPYCHLLDSSHWAEICETFTRDACSLLGLSVESPL<br>SVSFASGCVALPVLNMIKAVIEQRQCTGVWNHKKDELPIEIELGMKCWYHSVFACPI<br>RQQTSDSNPPIKLCGHVISRDALNKLINGGKLKCPYCPMEQNPADGKRIIFTRTRPL<br>EQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                         |

 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

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

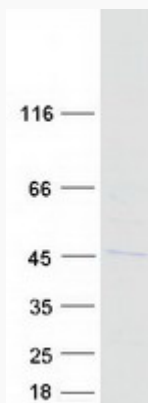
## GENE INFORMATION

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | RMND5B required for meiotic nuclear division 5 homolog B [ Homo sapiens (human) ]                                           |
| <b>Official Symbol</b> | RMND5B                                                                                                                      |
| <b>Synonyms</b>        | RMND5B; required for meiotic nuclear division 5 homolog B (S. cerevisiae); protein RMD5 homolog B; FLJ22318; DKFZp434K0926; |
| <b>Gene ID</b>         | 64777                                                                                                                       |
| <b>mRNA Refseq</b>     | NM_022762                                                                                                                   |
| <b>Protein Refseq</b>  | NP_073599                                                                                                                   |
| <b>UniProt ID</b>      | Q96G75                                                                                                                      |

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**SDS-PAGE**

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