

## Product datasheet for TP502168

### Rbpms2 (NM\_028030) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse RNA binding protein with multiple splicing 2 (Rbpms2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug   |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR202168 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MSNLKPDVEHCTGAGTGSPLEEEVRTLFSVGLPVDIKPRELYLLFRPFKGYEGSLIKLTSRQPVGVFIFD<br>SRAGAEAAKNALNGIRFDPENPQTLRLEFAKANTKMAKSKLIATPNPTSVHPALGAHLIARDPYDLMGTA<br>LIPASPEAWAPYPLYTTELTPAISHTTFTYPAATAAAAAAATLHAQVRWYPSSDTTQQGWKYRQFC<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK  |
| Predicted MW:                         | 22.5 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:                               | <u><a href="#">NP_082306</a></u>   |
| Locus ID:                             | 71973  |
| UniProt ID:                           | <u><a href="#">Q8VC52</a></u>  |
| RefSeq Size:                          | 1956   |
| Cytogenetics:                         | 9 C  |


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**RefSeq ORF:** 618

**Synonyms:** 2400008B06Rik; AI316523

**Summary:** Contributes to the regulation of smooth muscle cell differentiation and proliferation in the gastrointestinal system. Binds NOG mRNA. Mediates an increase of NOG mRNA levels, and thereby contributes to the negative regulation of the BMP signaling pathway. This promotes reversible dedifferentiation of smooth muscle cells and promotes smooth muscle cell proliferation.[UniProtKB/Swiss-Prot Function]