

## Product datasheet for TP501740

### Arl8a (NM\_026823) Mouse Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Purified recombinant protein of Mouse ADP-ribosylation factor-like 8A (Arl8a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug   |
| Species:                              | Mouse  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >MR201740 representing NM_026823<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br>MIALFNKLLDWFKALFWKEEMELTLVGLQYSGKTTFVNVIASGQFNEDMIPTVGFNMRKITKGNVTIKLW<br>DIGGQPRFRSMWERYCRGVSAIVYMVDAADQEKIEASKNELHNLLDKPQLQGIPVLVLGNKRDLAGALDE<br>KELIEKMNLSAIQDREICCYSISCKEKNIDITLQWLIQHKSRRS<br><br><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b> |
| Tag:                                  | C-MYC/DDK  |
| Predicted MW:                         | 21.8 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_081099</a></u>   |
| Locus ID:                             | 68724  |
| UniProt ID:                           | <u><a href="#">Q8VEH3</a></u>  |
| RefSeq Size:                          | 1702   |
| Cytogenetics:                         | 1 E4   |



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RefSeq ORF: 558

Synonyms: 1110033P22Rik; Arl10b; gie2

Summary: Plays a role in lysosomes motility (PubMed:30174114). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (PubMed:30174114). May play a role in chromosome segregation (By similarity).[UniProtKB/Swiss-Prot Function]