

## Product datasheet for TP511539

### Kif11 (NM\_010615) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse kinesin family member 11 (Kif11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR211539 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |

MASQPSSLKKKKEEKGRNIQVWRCRPFNLAERKANAHSVVECDHARKEVSVRTAGLTDKTSKKTYYTFDMV  
FGASTKQIDVYRSVVCPIPILDEVIMGYNCTIFAYGQTGTGKTFTMEGERSPNEVYTWEEDPLAGIIPRTLH  
QIFEKLTDNNGTEFSVKVSLLEIYNEELFDLLSPSSDVSERLQMFDDPRNKRGVIIKGLEEITVHNKDEVY  
QILEKGAAKRTTAATLMNAYSSRSHSVFSVTIHMKETTIDGEELVKIGKLNLDLAGSENIGRSGAVDKR  
AREAGNIQSLTLGRVITALVERTPHIPYRESKLRILQDSLGGRTTRTSIIATISPASFNLEETLSTLE  
YAHRAKNIMNKPEVNQKLTKKALIKYEETIEERLKRDLAAAREKNGVYISEESFRAMNGKVTVQEEQIVE  
LVEKIAVLEEELSKATELFMDSKNELDQCKSDLQTKTQELETTQKHLQETKQLQVKEEYVSSALERTEKT  
LHDTASKLLNTVKETTRAVSGLHSLKDRKRAIDEHNAEAQESFGKLNLSLNFNNMEELIKDGSQKQKAMLD  
VHKTILFGNLMSSVSALDTITTTALESLVSIPIENVARVSQISDMILEEQSLAAQSKSVLQGLIDELVTD  
LFTSLKTIVAPSVVSILNINKQLQHIFRASSTVAEKVEDQKREIDSFLSILCNNLHELRENTVSSLVESQ  
KLCGDLTEDLKTIKETHSQELCQLSSSWAERFCALEKKYENIQKPLNSIQENTELRSTDIINKTTVHSHK  
ILAESDGLLQELRHFNQEGTQLVEESVGHCSSLNSNLETVSEITQKCGTLNTSTVHFSDQWASCLSKRK  
ELENLMFEVNGCCASSEITKKVREQSAAVANQHSSFVAQMTSDEESCKAGSLELDKTIKTLGLTKLNC  
FLKQDLKLDIPTGMTPERKKLYPTTLVRTEPREQLLDQLQKKQPPMMLNSSEASKETSQDMDEEREAL  
QCTEELVSPETTEHPADCSRRGLPFFQRKKPHGKDKENRGLNPVEKYKVEEASDLSISKSRLPLHTSI  
NL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |   |
|----------------|---|
| Tag:           | C-MYC/DDK   |
| Predicted MW:  | 118 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        |



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|                      |   |
|----------------------|---|
| <b>Note:</b>         | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>      | Store at -80°C after receiving vials.   |
| <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>RefSeq:</b>       | <a href="#">NP_034745</a>   |
| <b>Locus ID:</b>     | 16551   |
| <b>UniProt ID:</b>   | <a href="#">Q6P9P6</a>  |
| <b>RefSeq Size:</b>  | 4850  |
| <b>Cytogenetics:</b> | 19 C2   |
| <b>RefSeq ORF:</b>   | 3159  |
| <b>Synonyms:</b>     | Eg5; Kif8; Kifl1; Kns1  |
| <b>Summary:</b>      | Motor protein required for establishing a bipolar spindle during mitosis. Required in non-mitotic cells for transport of secretory proteins from the Golgi complex to the cell surface. [UniProtKB/Swiss-Prot Function] |