

## Product datasheet for TP519191

### Fmn13 (NM\_011711) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                               |
| Description:                          | Purified recombinant protein of Mouse formin-like 3 (Fmn13), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug         |
| Species:                              | Mouse                                                                                                                              |
| Expression Host:                      | HEK293T                                                                                                                            |
| Expression cDNA Clone or AA Sequence: | >MR219191 protein sequence<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) |

MGNLESTDGGPGPEPPSVPLLLPPGKTPMPEPCELEERFALVLSSMNLPPDKARLLRQYDNEKKWDLICDQ  
 ERFQVKNPPHTYIQKLQSFLDPNVTRKKFRRRVQUESTKVLRELEISLRTNHIGWVREFLNNDENKGLDVLV  
 DYLSFAQCSVMFDFEGLESGDDGAFDKLRWSRSIEDLQPPNALSAPFTNSLARSARQSVLRYSTLPGRR  
 ALKNSRLVSQKDDVHVCILCLRAIMNYQYGFNLVMSHPHAVNEIALSLNNKNPRTKALVLELLAAVCLVR  
 GGHEILAAFDNFKEVCHELHRFEKLMFYFRNEDSNIDFMVACMQFINIVVHSVEDMNFVRVHLQYEFTKL  
 GLEEFQKSRHTESEKLQVQIQAYLDNVFDVGGLLDAETKNVALEKVEEEHVSHLTEKLLDLENENM  
 MRVALEKQLLQREKELESIKETYENTSQVHTLRRLIKEEEAFQRRCHLEPSARGLESMSGGEALARVG  
 PTELTEGIPPSDLLAPAPTEETLPLPPPPAPPLPPPPPLPDKCPPAPPLPGAAPSVLTVGLSAIR  
 IKKPIKTKFRLPVFNWTALKPNQINGTVFSELDDEKILEDLDLDRFEELFKTKAQGPALDLICSKNKTAQ  
 KAASKVTLLLEANRAKNLAILRKAGRSAEEICRAIHTFDLQTLPVDFVECLMRFLPTEAEVKLLRQYERE  
 RQPLEELAAEDRFMLLSKVERLTQRMAGMAFLGNFQDNLQMLTPQLNIIAASASVKSSQKLKQMLEII  
 LALGNYMNSSKRGAVYGFKLQSLDLLLDTKSTDRKMTLLHFIALTVKEYPELANFWQELHFVEKAAAVS  
 LENVLLDVKELGRGMELIRRECSIHDNSVLRNFLSTNEGKLDKLQDAKTAEEAYNAVVRVYFGESPKTTP  
 PSVFFPVFVRFIRSYKEAEQENEARKKQEEVMREKQLAQEAKKLDAKTPSQRNKWQQQELIAELRRRQAK  
 EHRPVYEGKDGTTIEDIITVLKSPFTARTAKGRSRRFFCDAHHHDESNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |                                                             |
|----------------|-------------------------------------------------------------|
| Tag:           | C-MYC/DDK                                                   |
| Predicted MW:  | 117.2 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>       | <u><a href="#">NP_035841</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>     | 22379                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>   | <u><a href="#">Q6ZPF4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq Size:</b>  | 4428                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cytogenetics:</b> | 15 F1                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq ORF:</b>   | 3084                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms:</b>     | 2700073B04Rik; FBP11; mKIAA2014; Wbp3                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Summary:</b>      | Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape and migration. Required for developmental angiogenesis. In this process, required for microtubule reorganization and for efficient endothelial cell elongation. In quiescent endothelial cells, triggers rearrangement of the actin cytoskeleton, but does not alter microtubule alignment.[UniProtKB/Swiss-Prot Function] |