

## Product datasheet for TP516221

### Pof1b (NM\_181579) Mouse Recombinant Protein

#### Product data:

|                                       |                                                                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | Recombinant Proteins                                                                                                                      |
| Description:                          | Purified recombinant protein of Mouse premature ovarian failure 1B (Pof1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse                                                                                                                                     |
| Expression Host:                      | HEK293T                                                                                                                                   |
| Expression cDNA Clone or AA Sequence: | >MR216221 representing NM_181579<br><span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  |

MMSSSYWSETSSSSCGTQQPTEVLQCQPQHYHYHQPSQAQQPPEKNVYERVRTYSGPMNKVVQAL  
 DPL  
 GSREVLSPKPASSYQSLVWSDHSQELYSPTLKISTCAPSTLHITQNAEQELHSPTVKVTTPQTIRRY  
 IVQNPEQEPLSPFLRGSQFFPGNNVIYEKTIKVEKLNTDQECCPQIQCHHHVIQPPQIIHSPHCQQSHS  
 SHQIQCITENDSNIGHELCHGGPSQIHEQVIIQDDGPEKLDPKYFGELLADLSRKNTDLYHCLLEHLERI  
 GGSKQDFESTDTSIEDISLIPKGLSEFTKQQIRYILQMRGMSDKSLRLVLSTFSNIREELGHLQNDLTSL  
 ENDKIRLEKDLAFKENQMKEYEELLASVRANNRQQQGLQDSSAKCQSLEENNLRLSLRHTLSLEYRLKEL  
 EYCKRNLEQENKNLRIQVSETCTGPTLQAKMDEIGNHYMEMVKNLRLDKDREISKLRSQLNQYQKDVSK  
 R  
 EGSCSDFQFKLHELTSLLEEKDSLIRQSEELSKLRQEYSSHNQPSGGRRTTITTKKYRTQYPILGLLY  
 DDYEYIPPGSDTQTIVIEKTEDKWTCF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |                                                                                                                                                      |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tag:           | C-MYC/DDK                                                                                                                                            |
| Predicted MW:  | 67.8 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.                                                                                                                |


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|                      |                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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_853557</a>                                                                                                                                                                |
| <b>Locus ID:</b>     | 69693                                                                                                                                                                                    |
| <b>UniProt ID:</b>   | <a href="#">Q8K4L4</a>                                                                                                                                                                   |
| <b>RefSeq Size:</b>  | 3909                                                                                                                                                                                     |
| <b>Cytogenetics:</b> | X E1                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1761                                                                                                                                                                                     |
| <b>Synonyms:</b>     | 2310066B14Rik                                                                                                                                                                            |
| <b>Summary:</b>      | Plays a key role in the organization of epithelial monolayers by regulating the actin cytoskeleton. May be involved in ovary development (By similarity).[UniProtKB/Swiss-Prot Function] |