

## Product datasheet for **TP507467**

### Mtmr7 (BC032254) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse myotubularin related protein 7 (cDNA clone MGC:40839 IMAGE:5368816), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR207467 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEHIRTPKVENVRLVDRVSCCKAALGTLTLTATHVIFVENAPDTRKETWILHSQISTIEKQATTATGCPL  
LIRCKNFQIVQLVIPQERDCHDVYISLIRLARPVKYEELYCFSFNPKLDKEEREQGWLLVDLSEYKRMG  
LPDNYWQLSDVNRDYRVCDSPTELYVPRSATAHIIVGSSKFRSRRRFPALSYYCKDSSHASICRSSQPLS  
GFSARCLEDEQMLQAIRKANPGSDFIYVVDTRPKLNAMANRAAGKGYENEDNYSNIKFQFIGIENIHVMR  
NSLQKMLEVCELKSPMSDFLWGLENSGWLRIKAIMDAGIFIAKAVSEEGASVLVHCSGDGWDRTAQVCS  
VASLLDPYYRTLKGFVLEIKDWISFGHKFNHRYGNLDGDPKEISPIDQFIECVWLTEQFPCAFEFN  
ERFLTHIQHHVYSCQFGNFLCNSQKERRELNENGGSKKGRFLKEDS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 53.9 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.

**Locus ID:** 54384



[View online »](#)

UniProt ID: [Q9Z2C9](#)

RefSeq Size: 2817

Cytogenetics: 8 A4

RefSeq ORF: 1401

**Summary:** Phosphatase that specifically dephosphorylates phosphatidylinositol 3-phosphate (PtdIns(3)P) and inositol 1,3-bisphosphate (Ins(1,3)P<sub>2</sub>).[UniProtKB/Swiss-Prot Function]