

Recombinant Mouse Mtmr14 Protein, Myc/DDK-tagged

Cat. No. Mtmr14-4216M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myotubularin related protein 14 (Mtmr14), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Lipid phosphatase which efficiently dephosphorylates phosphatidylinositol 3-phosphate (PtdIns3P) and PtdIns(3,5)P ₂ ; inactive toward PtdIns4P, PtdIns(3,4)P ₂ , PtdIns(4,5)P ₂ and PtdIns(3,4,5)P ₃ .
Molecular Mass	59.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Mtmr14 myotubularin related protein 14 [Mus musculus (house mouse)]
Official Symbol	Mtmr14
Synonyms	MTMR14; myotubularin related protein 14; myotubularin-related protein 14; mJumpy; C76151; AW553738; 1110061O04Rik
Gene ID	97287
mRNA Refseq	NM_026849
Protein Refseq	NP_081125
UniProt ID	Q8VEL2

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