

Recombinant Mouse Mtmr12 Protein, Myc/DDK-tagged

Cat. No. Mtmr12-4215M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length myotubularin related protein 12 (Mtmr12), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as an adapter for the myotubularin-related phosphatases. Regulates phosphatase MTM1 protein stability and possibly its intracellular location. By stabilizing MTM1 protein levels, required for skeletal muscle maintenance but not for myogenesis.
Molecular Mass	86 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.

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GENE INFORMATION

Gene Name	Mtmr12 myotubularin related protein 12 [Mus musculus (house mouse)]
Official Symbol	Mtmr12
Synonyms	MTMR12; myotubularin related protein 12; myotubularin-related protein 12; phosphatidylinositol-3-phosphatase associated protein; phosphatidylinositol-3 phosphate 3-phosphatase adaptor subunit; 3Pap; Pip3ap; mKIAA1682; 4932703C11; C730015A02Rik
Gene ID	268783
mRNA Refseq	NM_172958
Protein Refseq	NP_766546
UniProt ID	Q80TA6

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