

Recombinant Full Length Human MTMR14 Protein, GST-tagged

Cat. No. MTMR14-4929HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ22405 full-length ORF (AAH01674, 1 a.a. - 417 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	417 amino acids
Description	This gene encodes a myotubularin-related protein. The encoded protein is a phosphoinositide phosphatase that specifically dephosphorylates phosphatidylinositol 3,5-biphosphate and phosphatidylinositol 3-phosphate. Mutations in this gene are correlated with autosomal dominant centronuclear myopathy. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 18.[provided by RefSeq, Apr 2010]
Molecular Mass	71.61 kDa
AA Sequence	MARCRGRFVCPVILFKGKHICRSATLAGWGELYGRSGYNYFFSGGADDAWADV VTEEDCALRSGDTHLFDKVRGYDIKLLRYLSVKYICDLMVENKKVKFGMNVTSSEKV DKAQRYADFTLLSIPYPGCEFFKEYKDRDYMAEGLIFNWKQDYVDAPLSIPDFLTHSL NIDWSQYQCWDLVQQTQNYLKLLSLVNSDDDSGLLVHCISGWDRTPFLFISLLRLSL WADGLIHTSLKPTEILYLTVAYDWFLFGHMLVDRLSKGEEIFFFCFNFLKHITSEEFSA LKTQRRKSLPARDGGFTLEDICMLRRKDRGSTTSLGSDFSVMESSPGATGSFTYE

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	AVELVPAGAPTQAAWLAALSDRETRLQEVRSAFLAAYSSTVGLRAVAPSPSGAIGGL LEQFARGVGLRSISSNAL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MTMR14 myotubularin related protein 14 [Homo sapiens]
Official Symbol	MTMR14
Synonyms	MTMR14; myotubularin related protein 14; C3orf29, chromosome 3 open reading frame 29; myotubularin-related protein 14; egg derived tyrosine phosphatase homolog (Drosophila); FLJ22405; FLJ90311; hEDTP; hJumpy; jumpy; NS5ATP4ABP1; egg-derived tyrosine phosphatase homolog; HCV NS5A-transactivated protein 4 splice variant A-binding protein 1; C3orf29; FLJ11546; FLJ46453;
Gene ID	64419
mRNA Refseq	NM_001077525



Protein Refseq	NP_001070993
MIM	611089
UniProt ID	Q8NCE2

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