



Human MTM1 blocking peptide (CDBP1923)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MTM1 antibody
Antigen Description	This gene encodes a dual-specificity phosphatase that acts on both phosphotyrosine and phosphoserine. It is required for muscle cell differentiation and mutations in this gene have been identified as being responsible for X-linked myotubular myopathy. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MTM1 myotubularin 1 [Homo sapiens]
Official Symbol	MTM1
Synonyms	MTM1; myotubularin 1; myotubular myopathy 1; myotubularin; CNM; MTMX; XLMTM;
Entrez Gene ID	4534
mRNA Refseq	NM_000252

Protein Refseq	NP_000243
UniProt ID	Q13496
Chromosome Location	Xq27.3-q28
Pathway	Inositol phosphate metabolism, organism-specific biosystem; Inositol phosphate metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Phosphatidylinositol signaling system, organism-specific biosystem; Phosphatidylinositol signaling system, conserved biosystem;
Function	hydrolase activity; intermediate filament binding; phosphatidylinositol binding; phosphatidylinositol-3,5-bisphosphate 3-phosphatase activity; phosphatidylinositol-3-phosphatase activity; phosphoprotein phosphatase activity; protein tyrosine phosphatase a