

Recombinant Full Length Human MTMR10 Protein, GST-tagged

Cat. No. MTMR10-6534HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTMR10 full-length ORF (CAL37747.1, 1 a.a. - 777 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	777 amino acids
Description	MTMR10 (Myotubularin Related Protein 10) is a Protein Coding gene. Diseases associated with MTMR10 include Chromosome 15Q13.3 Microdeletion Syndrome and Congenital Stationary Night Blindness. GO annotations related to this gene include phosphatase activity. An important paralog of this gene is MTMR12.
Molecular Mass	111.87 kDa
AA Sequence	MFSLKPPKPTFRSYLLPPPQTDDKINSEPKIKKLEPVLLPGEIVVNEVNFVRKCIATDT SQYDLWGKLCISNFKISFITDDPMPLQKFHYRNLLLGEHDVPLTCIEQIVTVNDHKRK QKVLGPNQKLKFNPTELIYCKDFRIVRFRFDESGPESAKKVCLAIAHYSQPTDLQLLF AFEYVGKKYHNSANKINGIPSGDGGGGGGGGNGAGGGSSQKTPLFETYSDWDREI KRTGASGWRVCSINEGYMISTCLPEYIVVPSSLADQDLKIFSHSFVGRRMPLWCWS HSNGSALVRMALIKDVLQQRKIDQRICNAITKSHQPQRSDVYKSDLDKTLPNIQEIQAA FVKLKQLCVNEPFEETEEKWLSSLENTRWLEYVRAFLKHSaelVYMLESKHLsvVLQ EEEGRDLSccvaslvqVMLDPYFRTITGFQSLIQKEWVMAGYQFLDRCNHLKRSEK

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ESPLFLLFLDATWQLLEQYPAAFEFSETYLAVLYDSTRISLFGTFLFNSPHQVRVKQST
EFAISKNIQLGDEKGLKFPSVWDWSLQFTAKDRTL FHNPFYIGKSTPCIQNGSVKSKF
RTKKSYSSTLRGMPSALKNGIISDQELLPRRNSLILKPKPDPAQQTDSQNSDTEQYF
REWFSKPANLHGVLPRVSGTHIKLWKL CYFRWVPEAQISLGGSITAFHKLSLLADEV
DVLSRMLRQQRSGPLEACYGGLGQSRMYFNASGPHHTDTS GTPEFLSSSFPPFSPV
GNLCRRSILGTPLSKFLSGAKIWLSTETLANED

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

MTMR10 myotubularin related protein 10 [Homo sapiens (human)]

Official Symbol

MTMR10

Synonyms

MTMR10; myotubularin related protein 10; myotubularin-related protein 10;

Gene ID

54893

mRNA Refseq

NM_017762

Protein Refseq

NP_060232

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UniProt ID

Q9NXD2

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