

Recombinant Human MTMR10 Protein, GST-tagged

Cat. No. MTMR10-5714H **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	Wheat Germ
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 HSNGSALVRMALIKDVLQQRKIDQRICNAITKSHPQRSVDVYKSDLDKTLPNIQEIQAA FVKLKQLCVNEPFEETEEKWLSSLENTRWLEYVRAFLKHS AELVYMLESKHL SVVLQ EEEGRDLSCCVASLVQVMLDPYFRTITGFQSLIQKEWVMAGYQFLDRCNHLKRSEK ESPLFLLFLDATWQLLEQYPAAFEFSETYLAVLYDSTRISLFGTFLFNSPHQVRVKQST EFAISKNIQLGDEKGLKFPSVWDWSLQFTAKDRTL FHNPFYIGKSTPCIQNGSVKSKF

 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

RTKKSYSSTLRGMPSALKNGIISDQELLPRRNSLILKPKPDPAQQTDSQNSDTEQYF
REWFSKPANLHGVLPRVSGTHIKLWKLCYFRWVPEAQISLGGSITAFHKLSLLADEV
DVLSRMLRQQRSGPLEACYGGLGQSRMYFNASGPHHTDTSQTPEFLSSSPFPSPV
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](#)

UniProt ID [Q9NXD2](#)

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