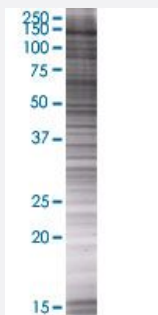


MTMR3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008897-T01

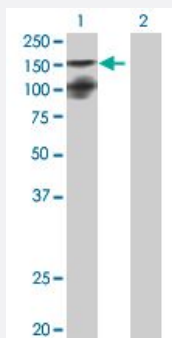
Size 100 uL

Applications



SDS-PAGE Gel

MTMR3 transfected lysate.



Western Blot

Lane 1: MTMR3 transfected lysate (131.89 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-MTMR3 full-length
Host	Human
Theoretical MW (kDa)	131.89
Interspecies Antigen Sequence	Mouse (84); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-MTMR3 antibody ([H00008897-B01](#)) by Western Blots.
SDS-PAGE Gel
MTMR3 transfected lysate.
Western Blot
Lane 1: MTMR3 transfected lysate (131.89 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — MTMR3

Entrez GeneID[8897](#)**GeneBank Accession#**[NM_021090.2](#)**Protein Accession#**[NP_066576.1](#)**Gene Name**

MTMR3

Gene Alias

FLJ32333, FYVE-DSP1, KIAA0371, ZFYVE10

Gene Description

myotubularin related protein 3

Omim ID[603558](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the myotubularin dual specificity protein phosphatase gene family. The encoded protein is structurally similar to myotubularin but in addition contains a FYVE domain and an N-terminal PH-GRAM domain. The protein can self-associate and also form heteromers with another myotubularin related protein. The protein binds to phosphoinositide lipids through the PH-GRAM domain, and can hydrolyze phosphatidylinositol(3)-phosphate and phosphatidylinositol(3,5)-biphosphate in vitro. The encoded protein has been observed to have a perinuclear, possibly membrane-bound, distribution in cells, but it has also been found free in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

FYVE (Fab1 YGLO23 Vsp27 EEA1 domain) dual-specificity protein phosphatase|myotubularin-related protein 3|zinc finger, FYVE domain containing 10

Disease

- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)