

MTMR12 binds MTMR2

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Introduction

Reactome is open-source, open access, manually curated and peer-reviewed pathway database. Pathway annotations are authored by expert biologists, in collaboration with Reactome editorial staff and cross-referenced to many bioinformatics databases. A system of evidence tracking ensures that all assertions are backed up by the primary literature. Reactome is used by clinicians, geneticists, genomics researchers, and molecular biologists to interpret the results of high-throughput experimental studies, by bioinformaticians seeking to develop novel algorithms for mining knowledge from genomic studies, and by systems biologists building predictive models of normal and disease variant pathways.

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Literature references

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Reactome database release: 70

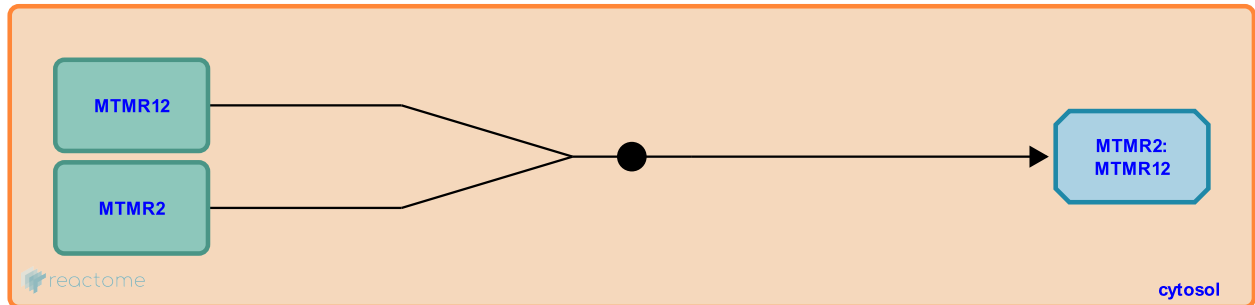
This document contains 1 reaction ([see Table of Contents](#))

MTMR12 binds MTMR2 [↗](#)

Stable identifier: R-HSA-6809707

Type: binding

Compartments: cytosol



MTMR2 forms a complex with MTMR12, an enzymatically inactive myotubularin family member. The consequences of this interaction on enzymatic activity and localization of MTMR2 have not been examined (Nandurkar et al. 2003).

Literature references

Nandurkar, HH., Layton, M., Laporte, J., Selan, C., Corcoran, L., Caldwell, KK. et al. (2003). Identification of myotubularin as the lipid phosphatase catalytic subunit associated with the 3-phosphatase adapter protein, 3-PAP. *Proc. Natl. Acad. Sci. U.S.A.*, 100, 8660-5. [↗](#)

Editions

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