
MTMR2 Peptide

Subcategory: Synthetic Peptide, Blocking Peptide

Cat. No.: 350538

Unit: 0.1 mg

Description:

Myotubularin-related protein 2 (MTMR2) is a tyrosine-phosphatase. Defects in MTMR2 are the cause of Charcot-Marie-Tooth disease type 4B1, the most common inherited disorder of the peripheral nervous system.

Format: Each vial contains 0.1 mg of lyophilized peptide. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml. Use at 5.6 ug/ml for a 100X excess over antibody for maximum blocking effect.

Alternate Names: Myotubularin-related protein 2; MTMR2

Accession No.: Q13614

MW: 1859.9 g/mol

Sequence: The synthetic peptide used to raise the antibody Cat. No. 200176 is selected from a sequence within the N-term region of human MTMR2. For blocking experiments, a 10 to 100 fold molar excess to antibody is recommended.

Composition: C74H122N24O30S1

Purity: Purity > 80% by HPLC

Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.