

TMEM8C Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19204c**Specification**

TMEM8C Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [A6NI61](#)**TMEM8C Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 389827**Other Names**

Protein myomaker, Transmembrane protein 226, Transmembrane protein 8C, TMEM8C, TMEM226

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TMEM8C Antibody (Center) Blocking Peptide - Protein Information**Name** MYMK ([HGNC:33778](#))**Function**

Myoblast-specific protein that mediates myoblast fusion, an essential step for the formation of multi-nucleated muscle fibers (PubMed:28681861). Actively participates in the membrane fusion reaction by mediating the mixing of cell membrane lipids (hemifusion) upstream of MYMX. Acts independently of MYMX (By similarity). Involved in skeletal muscle regeneration in response to injury by mediating the fusion of satellite cells, a population of muscle stem cells, with injured myofibers (By similarity). Also involved in skeletal muscle hypertrophy, probably by mediating the fusion of satellite cells with myofibers (By similarity).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q9D1N4}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9D1N4}. Golgi apparatus membrane {ECO:0000250|UniProtKB:Q9D1N4}; Multi-pass membrane protein {ECO:0000250|UniProtKB:Q9D1N4}. Note=Localizes on the plasma membrane of myoblasts, where it mediates myoblasts fusion. Also localizes in the Golgi apparatus and post-Golgi following palmitoylation; the role of Golgi localization is unclear {ECO:0000250|UniProtKB:Q9D1N4}

TMEM8C Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TMEM8C Antibody (Center) Blocking Peptide - Images**TMEM8C Antibody (Center) Blocking Peptide - Background**

The function of this protein remains unknown.