

### TMEM231 Blocking Peptide (Center)

Synthetic peptide Catalog # BP20150c

### **Specification**

# TMEM231 Blocking Peptide (Center) - Product Information

Primary Accession <u>O9H6L2</u>

Other Accession Q5FVM1, NP 001070884.1

# TMEM231 Blocking Peptide (Center) - Additional Information

**Gene ID** 79583

#### **Other Names**

Transmembrane protein 231, TMEM231

### Target/Specificity

The synthetic peptide sequence is selected from aa 100-112 of HUMAN TMEM231

#### **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.

### TMEM231 Blocking Peptide (Center) - Protein Information

### Name TMEM231

# **Function**

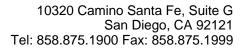
Transmembrane component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for ciliogenesis and sonic hedgehog/SHH signaling (By similarity).

### **Cellular Location**

Cell projection, cilium membrane; Multi-pass membrane protein. Note=Localizes to the transition zone of primary cilia; SEPT2 is required for localization to the transition zone.

### TMEM231 Blocking Peptide (Center) - Protocols

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





• Blocking Peptides

TMEM231 Blocking Peptide (Center) - Images

TMEM231 Blocking Peptide (Center) - Background

The function of this protein is unknown.

**TMEM231 Blocking Peptide (Center) - References** 

Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)