

**TMEM231 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20150c****Specification**

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**TMEM231 Blocking Peptide (Center) - Product Information**

Primary Accession [O9H6L2](#)  
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)