

**MSGN1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16154c****Specification**

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**MSGN1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [A6NI15](#)

**MSGN1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 343930

**Other Names**

Mesogenin-1, Paraxial mesoderm-specific mesogenin1, pMesogenin1, pMsgn1, MSGN1

**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.

**MSGN1 Antibody (Center) Blocking Peptide - Protein Information**

**Name** MSGN1

**Function**

Involved in specifying the paraxial, but not dorsal, mesoderm. May regulate the expression of T-box transcription factors required for mesoderm formation and differentiation (By similarity).

**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00981}.

**MSGN1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**MSGN1 Antibody (Center) Blocking Peptide - Images****MSGN1 Antibody (Center) Blocking Peptide - Background**

MSGN1 is involved in the formation and segmentation of paraxial mesoderm. Has the regulatory

capacity to specify ventrolateral (including future paraxial), but not dorsal (future axial), mesoderm phenotypes. Seems to be an upstream regulator of at least some elements of the Notch and Delta signaling pathway (By similarity).

#### **MSGN1 Antibody (Center) Blocking Peptide - References**

Venter, J.C., et al. Science 291(5507):1304-1351(2001)Yoon, J.K., et al. Dev. Biol. 222(2):376-391(2000)