

**Mouse Gata6 Blocking Peptide (C-term)**  
**Synthetic peptide**  
**Catalog # BP20864c****Specification**

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**Mouse Gata6 Blocking Peptide (C-term) - Product Information**

Primary Accession [O61169](#)  
Other Accession [P46153](#), [P43693](#)

**Mouse Gata6 Blocking Peptide (C-term) - Additional Information**

**Gene ID** 14465

**Other Names**

Transcription factor GATA-6, GATA-binding factor 6, Gata6

**Target/Specificity**

The synthetic peptide sequence is selected from aa 485-498 of HUMAN Gata6

**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.

**Mouse Gata6 Blocking Peptide (C-term) - Protein Information**

**Name** Gata6

**Function**

Transcriptional activator that regulates SEMA3C and PLXNA2 (PubMed:<a href="http://www.uniprot.org/citations/19666519" target="\_blank">19666519</a>). May regulate genes that protect epithelial cells from bacterial infection (By similarity). Involved in gene regulation specifically in the gastric epithelium (By similarity). Involved in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression (PubMed:<a href="http://www.uniprot.org/citations/15329343" target="\_blank">15329343</a>). Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions (PubMed:<a href="http://www.uniprot.org/citations/15329343" target="\_blank">15329343</a>).

**Cellular Location**

Nucleus.

**Tissue Location**

Expressed in myocardium, vascular smooth muscle, gut epithelium, and osteoclasts

### **Mouse Gata6 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

### **Mouse Gata6 Blocking Peptide (C-term) - Images**

### **Mouse Gata6 Blocking Peptide (C-term) - Background**

Transcriptional activator that regulates SEMA3C and PLXNA2. Involved in gene regulation specifically in the gastric epithelium (By similarity).

### **Mouse Gata6 Blocking Peptide (C-term) - References**

Morrissey E.E.,et al.Dev. Biol. 177:309-322(1996).  
Katsuoka F.,et al.Submitted (AUG-1999) to the EMBL/GenBank/DDBJ databases.  
Carninci P.,et al.Science 309:1559-1563(2005).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Narita N.,et al.Genomics 36:345-348(1996).