

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

Primary Accession [Q61169](#)
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:19666519). May regulate genes that protect epithelial cells

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).

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). Binds to
BMP response element (BMPRE) DNA
sequences within cardiac activating regions
(PubMed:<a href="http://www.uniprot.org/citations/15329343"
target="_blank">15329343).

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](#)