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Mouse Gata6 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP20878c

Specification

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

Primary Accession Q61169

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 544-557 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 from bacterial infection (By similarity).

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

Morrisey 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).

Involved in gene regulation specifically in the gastric epithelium (By similarity). Involved in bone morphogenetic protein (BMP)-mediated cardiac-specific gene expression (PubMed:15329343). Binds to BMP response element (BMPRE) DNA sequences within cardiac activating regions (PubMed: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