

HOXC10 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20089b**Specification**

HOXC10 Blocking Peptide (C-term) - Product Information

Primary Accession [O9NYD6](#)
Other Accession [P31257](#), [NP_059105.2](#)

HOXC10 Blocking Peptide (C-term) - Additional Information

Gene ID 3226

Other Names

Homeobox protein Hox-C10, Homeobox protein Hox-3l, HOXC10, HOX3l

Target/Specificity

The synthetic peptide sequence is selected from aa 239-250 of HUMAN HOXC10

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.

HOXC10 Blocking Peptide (C-term) - Protein Information

Name HOXC10

Synonyms HOX3l

Function

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

Cellular Location

Nucleus.

HOXC10 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

HOXC10 Blocking Peptide (C-term) - Images

HOXC10 Blocking Peptide (C-term) - Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation.

HOXC10 Blocking Peptide (C-term) - References

Hwang, J.H., et al. Cloning Stem Cells 11(2):269-279(2009)
Zhai, Y., et al. Cancer Res. 67(21):10163-10172(2007)
Gabellini, D., et al. EMBO J. 22(14):3715-3724(2003)
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Sandrock, B., et al. J. Biol. Chem. 276(38):35328-35333(2001)