

DMRT2 Blocking Peptide (N-Term)

Synthetic peptide

Catalog # BP21761a

Specification

DMRT2 Blocking Peptide (N-Term) - Product Information

Primary Accession

[Q9Y5R5](#)**DMRT2 Blocking Peptide (N-Term) - Additional Information**

Gene ID 10655

Other Names

Doublesex- and mab-3-related transcription factor 2, Doublesex-like 2 protein, DSXL-2, DMRT2, DSXL2

Target/Specificity

The synthetic peptide sequence is selected from aa 242-256 of HUMAN DMRT2

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.

DMRT2 Blocking Peptide (N-Term) - Protein Information

Name DMRT2

Synonyms DSXL2

Function

Transcriptional activator that directly regulates early activation of the myogenic determination gene MYF5 by binding in a sequence-specific manner to the early epaxial enhancer element of it. Involved in somitogenesis during embryogenesis and somite development and differentiation into sclerotome and dermomyotome. Required for the initiation and/or maintenance of proper organization of the sclerotome, dermomyotome and myotome (By similarity).

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00070}.

Tissue Location

Expressed in testis, kidney and skeletal muscle.

DMRT2 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

DMRT2 Blocking Peptide (N-Term) - Images

DMRT2 Blocking Peptide (N-Term) - Background

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DMRT2 Blocking Peptide (N-Term) - References

Raymond C.S.,et al.Hum. Mol. Genet. 8:989-996(1999).
Ottolenghi C.,et al.Genomics 64:179-186(2000).
Calvari V.,et al.Genomics 65:203-212(2000).
Humphray S.J.,et al.Nature 429:369-374(2004).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.