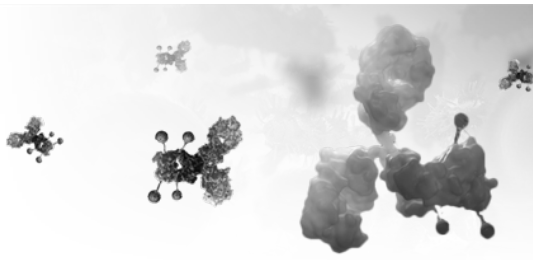

Human HOXA10 peptide (DAG-P0642)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor that may regulate gene expression, morphogenesis, and differentiation. More specifically, it may function in fertility, embryo viability, and regulation of hematopoietic lineage commitment. Alternatively spliced transcript variants have been described. Read-through transcription also exists between this gene and the downstream homeobox A9 (HOXA9) gene. [provided by RefSeq, Mar 2011]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the Abd-B homeobox family.Contains 1 homeobox DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	HOXA10 homeobox A10 [Homo sapiens (human)]
Official Symbol	HOXA10
Synonyms	HOXA10; homeobox A10; PL; HOX1; HOX1H; HOX1.8; homeobox protein Hox-A10; homeo box A10; homeobox protein 1H; homeobox protein HOXA10; homeobox protein Hox-1H; homeobox protein Hox-1.8;
Entrez Gene ID	3206

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mRNA Refseq	NM_018951.3
Protein Refseq	NP_061824.3
UniProt ID	P31260
Chromosome Location	7p15.2
Pathway	Signaling events mediated by HDAC Class III, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	histone deacetylase binding; protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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