



Human HOXA11 peptide (DAG-P0643)

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

PRODUCT INFORMATION

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| 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 which may regulate gene expression, morphogenesis, and differentiation. This gene is involved in the regulation of uterine development and is required for female fertility. Mutations in this gene can cause radio-ulnar synostosis with amegakaryocytic thrombocytopenia. [provided by RefSeq, Jul 2008] |
| Conjugate | Unconjugated |
| 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

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| Gene Name | HOXA11 homeobox A11 [Homo sapiens (human)] |
| Official Symbol | HOXA11 |
| Synonyms | HOXA11; homeobox A11; HOX1; HOX1l; homeobox protein Hox-A11; homeo box 1l; homeobox protein HOXA11; homeobox protein Hox-1l; |
| Entrez Gene ID | 3207 |
| mRNA Refseq | NM_005523.5 |

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| Protein Refseq | NP_005514.1 |
| UniProt ID | P31270 |
| Chromosome Location | 7p15.2 |
| Pathway | Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem; |
| Function | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |