



Human HOXA4 peptide (DAG-P0644)

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. [provided by RefSeq, Jul 2008] |
| Specificity | Embryonic nervous system. |
| Conjugate | Unconjugated |
| Sequence Similarities | Belongs to the Antp homeobox family. Deformed subfamily. 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

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|------------------------|--|
| Gene Name | HOXA4 homeobox A4 [Homo sapiens (human)] |
| Official Symbol | HOXA4 |
| Synonyms | HOXA4; homeobox A4; HOX1; HOX1D; homeobox protein Hox-A4; homeo box A4; Dfd-like protein; Hox-1.4-like protein; homeobox protein Hox-1D; homeobox protein Hox-1.4; |
| Entrez Gene ID | 3201 |

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|----------------------------|---|
| mRNA Refseq | NM_002141.4 |
| Protein Refseq | NP_002132.3 |
| UniProt ID | Q00056 |
| Chromosome Location | 7p15.2 |
| Function | sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; |