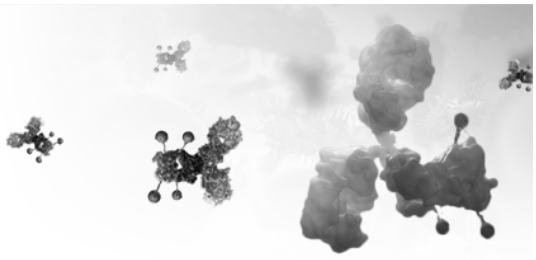

Human SOX9 peptide (DAG-P1994)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Contains 1 HMG box 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	SOX9 SRY (sex determining region Y)-box 9 [Homo sapiens (human)]
Official Symbol	SOX9
Synonyms	SOX9; SRY (sex determining region Y)-box 9; CMD1; SRA1; CMPD1; transcription factor SOX-9; SRY-related HMG-box, gene 9; SRY (sex-determining region Y)-box 9 protein;
Entrez Gene ID	6662
mRNA Refseq	NM_000346.3
Protein Refseq	NP_000337.1

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UniProt ID	P48436
Chromosome Location	17q24.3
Pathway	Endochondral Ossification, organism-specific biosystem; Neural Crest Differentiation, organism-specific biosystem; Spinal Cord Injury, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; bH

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