



Human SOX1 peptide (DAG-P1179)

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

PRODUCT INFORMATION

Antigen Description	This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. In mice, a similar protein regulates the gamma-crystallin genes and is essential for lens development. [provided by RefSeq, Jul 2008]
Specificity	Mainly expressed in the developing central nervous system.
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	SOX1 SRY (sex determining region Y)-box 1 [Homo sapiens (human)]
Official Symbol	SOX1
Synonyms	SOX1; SRY (sex determining region Y)-box 1; transcription factor SOX-1; SRY-related HMG-box gene 1;
Entrez Gene ID	6656
mRNA Refseq	NM_005986.2

Protein Refseq	NP_005977.2
UniProt ID	O00570
Chromosome Location	13q34
Pathway	Cardiac Progenitor Differentiation, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem;
Function	DNA binding; core promoter sequence-specific DNA binding; protein binding; sequence-specific DNA binding transcription factor activity;