



Mouse SOX6 peptide (DAG-P1141)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Mar 2009]
Specificity	Expressed in a wide variety of tissues, most abundantly in skeletal muscle.
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	SOX6 SRY (sex determining region Y)-box 6 [Homo sapiens (human)]
Official Symbol	SOX6
Synonyms	SOX6; SRY (sex determining region Y)-box 6; SOXD; HSSOX6; transcription factor SOX-6; SRY-box containing gene 6;
Entrez Gene ID	55553

mRNA Refseq	NM_001145811.1
Protein Refseq	NP_001139283.1
UniProt ID	P35712
Chromosome Location	11p15.3
Pathway	Endochondral Ossification, organism-specific biosystem;
Function	DNA binding; protein binding; protein heterodimerization activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription regulatory region DNA binding;