Human MIXL1 peptide (DAG-P0878)

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

PRODUCT INFORMATION

Antigen Description	Homeodomain proteins, such as MIXL1, are transcription factors that regulate cell fate during development (Hart et al., 2005 [PubMed 15982639]).[supplied by OMIM, Mar 2008]
Specificity	Restricted to progenitors and secondary lymph tissues. In normal hematopoiesis, it is restricted to immature B-and T-lymphoid cells. Present in differentiating embryonic stem cells (at protein level).
Conjugate	Unconjugated
Sequence Similarities	Belongs to the paired homeobox family.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

Gene Name	MIXL1 Mix paired-like homeobox [Homo sapiens (human)]
Official Symbol	MIXL1
Synonyms	MIXL1; Mix paired-like homeobox; MIX; MIXL; MILD1; homeobox protein MIXL1; homeodomain protein MIX; Mix-like homeobox protein 1; mix.1 homeobox-like protein; MIX1 homeobox-like protein 1;
Entrez Gene ID	83881
mRNA Refseq	NM_001282402.1

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Protein Refseq	NP_001269331.1
UniProt ID	Q9H2W2
Chromosome Location	1q42.12
Pathway	Adipogenesis, organism-specific biosystem; Cardiac Progenitor Differentiation, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II

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