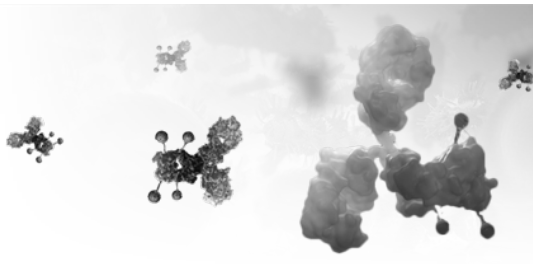

Human TWIST2 peptide (DAG-P2032)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a basic helix-loop-helix type transcription factor and shares similarity with Twist. This protein may inhibit osteoblast maturation and maintain cells in a preosteoblast phenotype during osteoblast development. This gene may be upregulated in certain cancers. Mutations in this gene cause focal facial dermal dysplasia 3, Setleis type. Two transcript variants encoding the same protein have been found. [provided by RefSeq, Apr 2014]
Specificity	In the embryo, highly expressed in chondrogenic cells. In embryonic skin, expressed in the undifferentiated mesenchymal layer beneath the epidermis which later develops into the dermis. Expressed in early myeloid cells but not in lymphoid cells in the liv
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 basic helix-loop-helix (bHLH) 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	TWIST2 twist family bHLH transcription factor 2 [Homo sapiens (human)]
Official Symbol	TWIST2
Synonyms	TWIST2; twist family bHLH transcription factor 2; FFDD3; DERMO1; SETLSS; bHLHa39; twist-related protein 2; twist homolog 2; dermis-expressed protein 1; twist-related bHLH protein

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	Dermo1; class A basic helix-loop-helix protein 39; twist basic helix-loop-helix transcription factor 2;
Entrez Gene ID	117581
mRNA Refseq	NM_001271893.3
Protein Refseq	NP_001258822.1
UniProt ID	Q8WVJ9
Chromosome Location	2q37.3
Pathway	Proteoglycans in cancer, organism-specific biosystem; Proteoglycans in cancer, conserved biosystem;
Function	DNA binding; RNA polymerase II transcription factor binding transcription factor activity; chromatin binding; protein binding; protein dimerization activity; protein domain specific binding; sequence-specific DNA binding transcription factor activity;

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