



Human HOXB13 peptide (DAG-P0019)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the Abd-B 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	HOXB13 homeobox B13 [Homo sapiens (human)]
Official Symbol	HOXB13
Synonyms	HOXB13; homeobox B13; PSGD; homeobox protein Hox-B13;
Entrez Gene ID	10481

mRNA Refseq	NM_006361.5
Protein Refseq	NP_006352.2
UniProt ID	Q4KR72
Chromosome Location	17q21.2
Pathway	Regulation of Androgen receptor activity, organism-specific biosystem;
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;