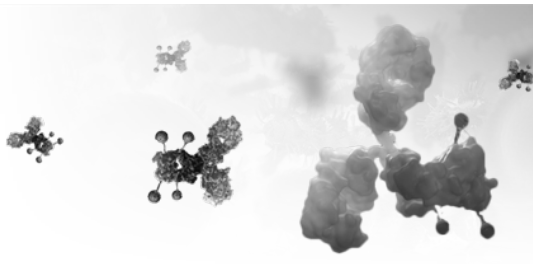

Human WNT6 peptide (DAG-P1314)

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

PRODUCT INFORMATION

Antigen Description	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. The gene overexpression may play key roles in carcinogenesis. This gene and the WNT10A gene are clustered in the chromosome 2q35 region. The protein encoded by this gene is 97% identical to the mouse Wnt6 protein at the amino acid level. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the Wnt family.
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	WNT6 wingless-type MMTV integration site family, member 6 [Homo sapiens (human)]
Official Symbol	WNT6
Synonyms	WNT6; wingless-type MMTV integration site family, member 6; protein Wnt-6;
Entrez Gene ID	7475
mRNA Refseq	NM_006522.3
Protein Refseq	NP_006513.1

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UniProt ID	Q8N2E5
Chromosome Location	2q35
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; DNA damage response (only ATM dependent), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; Hippo signaling pathway,
Function	frizzled binding;

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