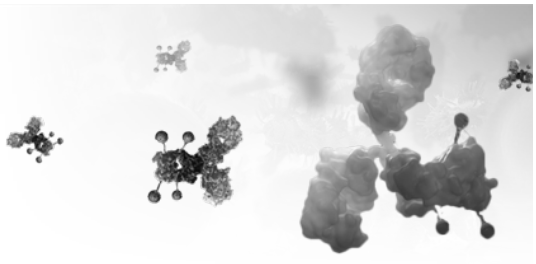

Human WFDC2 peptide (DAG-P0616)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is expressed in pulmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encoded protein is a small secretory protein, which may be involved in sperm maturation. [provided by RefSeq, Jul 2008]
Specificity	Expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. Highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 WAP domains.
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	WFDC2 WAP four-disulfide core domain 2 [Homo sapiens (human)]
Official Symbol	WFDC2
Synonyms	WFDC2; WAP four-disulfide core domain 2; HE4; WAP5; EDDM4; dJ461P17.6; WAP four-

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	disulfide core domain protein 2; epididymal protein 4; epididymal secretory protein E4; putative protease inhibitor WAP5; WAP domain containing protein HE4-V4; major epididymis-specific protein E4; epididymis-specific, whey-acidic protein type, four-disulfide core;
Entrez Gene ID	10406
mRNA Refseq	NM_006103.3
Protein Refseq	NP_006094.3
UniProt ID	Q14508
Chromosome Location	20q13.12
Function	aspartic-type endopeptidase inhibitor activity; cysteine-type endopeptidase inhibitor activity; endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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