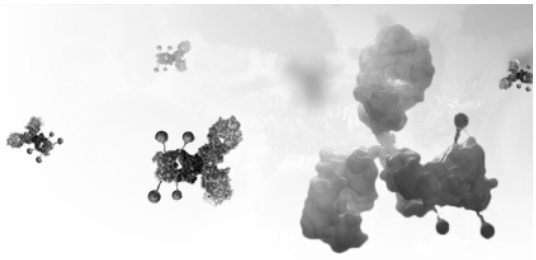

Human SFRP1 peptide (DAG-P1160)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. Members of this family act as soluble modulators of Wnt signaling; epigenetic silencing of SFRP genes leads to deregulated activation of the Wnt-pathway which is associated with cancer. This gene may also be involved in determining the polarity of photoreceptor cells in the retina. [provided by RefSeq, Sep 2009]
Specificity	Widely expressed. Absent from lung, liver and peripheral blood leukocytes. Highest levels in heart and fetal kidney. Also expressed in testis, ovary, fetal brain and lung, leiomyomal cells, myometrial cells and vascular smooth muscle cells. Expressed in f
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the secreted frizzled-related protein (sFRP) family.Contains 1 FZ (frizzled) domain.Contains 1 NTR 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	SFRP1 secreted frizzled-related protein 1 [Homo sapiens (human)]
Official Symbol	SFRP1
Synonyms	SFRP1; secreted frizzled-related protein 1; FRP; FRP1; FrzA; FRP-1; SARP2; SARP-2; sFRP-

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	1; secreted apoptosis-related protein 2;
Entrez Gene ID	6422
mRNA Refseq	NM_003012.4
Protein Refseq	NP_003003.3
UniProt ID	Q8N474
Chromosome Location	8p11.21
Pathway	Validated targets of C-MYC transcriptional repression, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt signaling pathway, organism-specific biosystem; Wnt signaling pathway, conserved biosystem;
Function	PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding; cysteine-type endopeptidase activity; drug binding; frizzled binding; heparin binding; identical protein binding; protein binding;

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