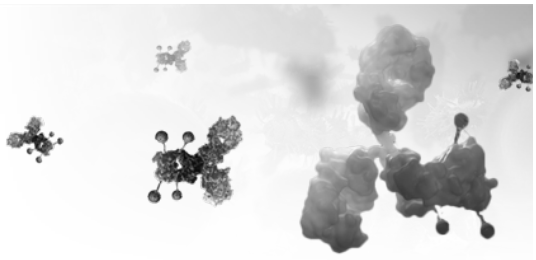

Human ANXA1 peptide (DAG-P0086)

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

PRODUCT INFORMATION

Antigen Description	Annexin I belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the annexin family.Contains 4 annexin repeats.
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	ANXA1 annexin A1 [Homo sapiens (human)]
Official Symbol	ANXA1
Synonyms	ANXA1; annexin A1; ANX1; LPC1; p35; annexin-1; calpactin-2; calpactin II; lipocortin I; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein;
Entrez Gene ID	301
mRNA Refseq	NM_000700.1

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Protein Refseq	NP_000691.1
UniProt ID	P04083
Chromosome Location	9q21.13
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Formyl peptide receptors bind formyl peptides and many other ligands, organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Integrated Breast Cancer Path
Function	calcium ion binding; calcium-dependent phospholipid binding; phospholipase A2 inhibitor activity; phospholipid binding; protein binding; protein binding, bridging; protein homodimerization activity; receptor binding; structural molecule activity;

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