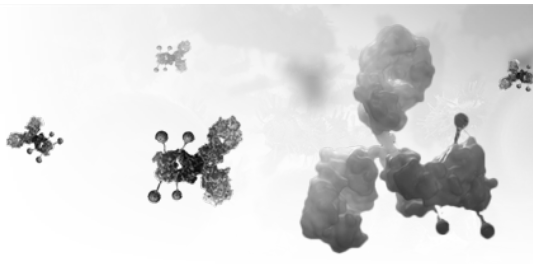

Human CABIN1 peptide (DAG-P0216)

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

PRODUCT INFORMATION

Antigen Description	Calcineurin plays an important role in the T-cell receptor-mediated signal transduction pathway. The protein encoded by this gene binds specifically to the activated form of calcineurin and inhibits calcineurin-mediated signal transduction. The encoded protein is found in the nucleus and contains a leucine zipper domain as well as several PEST motifs, sequences which confer targeted degradation to those proteins which contain them. Alternative splicing results in multiple transcript variants encoding two different isoforms. [provided by RefSeq, Jan 2011]
Specificity	Widely expressed in different tissues.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 6 TPR 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	CABIN1 calcineurin binding protein 1 [Homo sapiens (human)]
Official Symbol	CABIN1
Synonyms	CABIN1; calcineurin binding protein 1; CAIN; PPP3IN; calcineurin-binding protein cabin-1; calcineurin inhibitor; calcineurin binding protein cabin 1;

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Entrez Gene ID	23523
mRNA Refseq	NM_001199281.1
Protein Refseq	NP_001186210.1
UniProt ID	Q9Y6J0
Chromosome Location	22q11.23
Pathway	Calcium signaling in the CD4+ TCR pathway, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; DNA Damage/Telomere Stress Induced Senescence, organism-specific biosystem; Formation of Senescence-Associated Heterochromatin Foci (SAHF), organism-specific biosystem; Role of Calcineurin-dependent NFAT signaling in lymphocytes, organism-specific biosystem;
Function	protein phosphatase inhibitor activity;

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