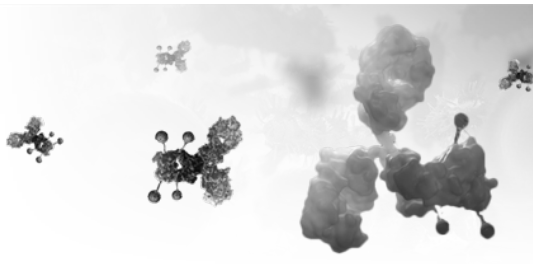

Human RENBP peptide (DAG-P1049)

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

PRODUCT INFORMATION

Antigen Description	The gene product inhibits renin activity by forming a dimer with renin, a complex known as high molecular weight renin. The encoded protein contains a leucine zipper domain, which is essential for its dimerization with renin. The gene product can catalyze the interconversion of N-acetylglucosamine to N-acetylmannosamine, indicating that it is a GlcNAc 2-epimerase. Transcript variants utilizing alternative promoters have been described in the literature. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the N-acylglucosamine 2-epimerase family.
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	RENBP renin binding protein [Homo sapiens (human)]
Official Symbol	RENBP
Synonyms	RENBP; renin binding protein; RBP; RNBP; N-acylglucosamine 2-epimerase; AGE; GlcNAc 2-epimerase; N-acetyl-D-glucosamine 2-epimerase;
Entrez Gene ID	5973

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mRNA Refseq	NM_002910.5
Protein Refseq	NP_002901.2
UniProt ID	P51606
Chromosome Location	Xq28
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem;
Function	ATP binding; N-acylglucosamine 2-epimerase activity; endopeptidase inhibitor activity; protein homodimerization activity;

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