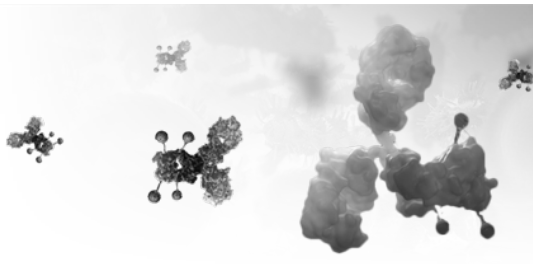

Human AGO3 peptide (DAG-P1387)

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 Argonaute family of proteins which play a role in RNA interference. The encoded protein is highly basic, contains a PAZ domain and a PIWI domain, and may play a role in short-interfering-RNA-mediated gene silencing. This gene is located on chromosome 1 in a tandem cluster of closely related family members including argonaute 4 and eukaryotic translation initiation factor 2C, 1. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the argonaute family. Ago subfamily.Contains 1 PAZ domain.Contains 1 Piwi 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	AGO3 argonaute RISC catalytic component 3 [Homo sapiens (human)]
Official Symbol	AGO3
Synonyms	AGO3; argonaute RISC catalytic component 3; EIF2C3; protein argonaute-3; hAgo3; eIF2C 3; eIF-2C 3; argonaute3; argonaute 3; eukaryotic translation initiation factor 2C, 3;
Entrez Gene ID	192669
mRNA Refseq	NM_024852.3

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Protein Refseq	NP_079128.2
UniProt ID	B4E1P5
Chromosome Location	1p34
Pathway	Adaptive Immune System, organism-specific biosystem; Ca2+ pathway, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signali
Function	miRNA binding; poly(A) RNA binding; protein binding;

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