



Human AGO2 peptide (DAG-P1334)

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, and contains a PAZ domain and a PIWI domain. It may interact with dicer1 and play a role in short-interfering-RNA-mediated gene silencing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
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	AGO2 argonaute RISC catalytic component 2 [Homo sapiens (human)]
Official Symbol	AGO2
Synonyms	AGO2; argonaute RISC catalytic component 2; Q10; EIF2C2; protein argonaute-2; PPD; hAgo2; eIF2C 2; eIF-2C 2; argonaute2; argonaute 2; protein slicer; PAZ Piwi domain protein; eukaryotic translation initiation factor 2C, 2;
Entrez Gene ID	27161
mRNA Refseq	NM_001164623.1

Protein Refseq	NP_001158095.1
UniProt ID	A4FVC0
Chromosome Location	8q24
Pathway	Adaptive Immune System, organism-specific biosystem; Ca2+ pathway, 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 signaling of activated FGFR, organism-specific biosystem; Fc epsilon receptor (FCERI) signaling, organism-specific b
Function	RNA 7-methylguanosine cap binding; endoribonuclease activity; endoribonuclease activity, cleaving siRNA-paired mRNA; mRNA binding; metal ion binding; miRNA binding; poly(A) RNA binding; protein binding; siRNA binding; contributes_to siRNA binding; transla