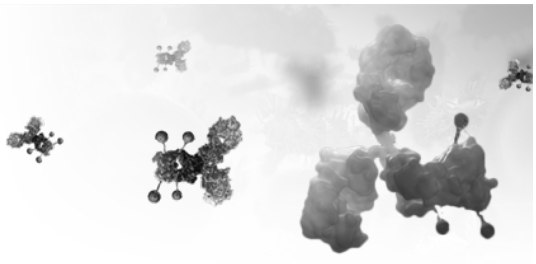

Human DGCR8 peptide (DAG-P0424)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a subunit of the microprocessor complex which mediates the biogenesis of microRNAs from the primary microRNA transcript. The encoded protein is a double-stranded RNA binding protein that functions as the non-catalytic subunit of the microprocessor complex. This protein is required for binding the double-stranded RNA substrate and facilitates cleavage of the RNA by the ribonuclease III protein, Drosha. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010]
Specificity	Ubiquitously expressed.
Conjugate	Unconjugated
Sequence Similarities	Contains 2 DRBM (double-stranded RNA-binding) domains.Contains 1 WW 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	DGCR8 DGCR8 microprocessor complex subunit [Homo sapiens (human)]
Official Symbol	DGCR8
Synonyms	DGCR8; DGCR8 microprocessor complex subunit; Gy1; pasha; DGCRK6; C22orf12; microprocessor complex subunit DGCR8; DiGeorge syndrome critical region 8; DiGeorge syndrome critical region gene 8;
Entrez Gene ID	54487

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mRNA Refseq	NM_001190326.1
Protein Refseq	NP_001177255.1
UniProt ID	Q8WYQ5
Chromosome Location	22q11.2
Pathway	Direct p53 effectors, organism-specific biosystem; Gene Expression, organism-specific biosystem; MicroRNA (miRNA) Biogenesis, organism-specific biosystem; Regulatory RNA pathways, organism-specific biosystem;
Function	double-stranded RNA binding; metal ion binding; protein binding;

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