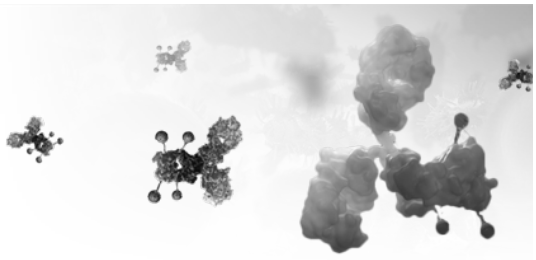

Human DGCR8 blocking peptide (CDBP1003)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-DGCR8/Pasha antibody
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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	DGCR8 DiGeorge syndrome critical region gene 8 [Homo sapiens]
Official Symbol	DGCR8
Synonyms	DGCR8; DiGeorge syndrome critical region gene 8; C22orf12, chromosome 22 open reading frame 12; microprocessor complex subunit DGCR8; DGCRK6; Gy1; pasha; DiGeorge

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	syndrome critical region 8; C22orf12;
Entrez Gene ID	54487
mRNA Refseq	NM_001190326
Protein Refseq	NP_001177255
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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