



Human PDCD4 peptide (DAG-P1862)

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

PRODUCT INFORMATION

Antigen Description	This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]
Specificity	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the PDCD4 family. Contains 2 MI domains.
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	PDCD4 programmed cell death 4 (neoplastic transformation inhibitor) [Homo sapiens (human)]
Official Symbol	PDCD4
Synonyms	PDCD4; programmed cell death 4 (neoplastic transformation inhibitor); H731; programmed cell death protein 4; protein 197/15a; nuclear antigen H731; neoplastic transformation inhibitor protein;
Entrez Gene ID	27250

mRNA Refseq	NM_001199492.1
Protein Refseq	NP_001186421.1
UniProt ID	B4DKX4
Chromosome Location	10q24
Pathway	MicroRNAs in cancer, organism-specific biosystem; MicroRNAs in cancer, conserved biosystem; Proteoglycans in cancer, organism-specific biosystem; Proteoglycans in cancer, conserved biosystem; mTOR signaling pathway, organism-specific biosystem;
Function	RNA binding; protein binding;