

Recombinant Human PDCD4

Cat. No. PDCD4-30797TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PDCD4 with proprietary tag; 77.7 kDa inclusive of tag. AAH31049
Species	Human
Source	Wheat Germ
ProteinLength	470 amino acids
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.
Molecular Weight	77.700kDa inclusive of tags
Tissue specificity	Up-regulated in proliferative cells. Highly expressed in epithelial cells of the mammary gland. Reduced expression in lung cancer and colon carcinoma.
Biological activity	This product is useful for Antibody Production and Protein Array
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.31% GlutathioneNote: Glutathione is

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	reduced.
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the PDCD4 family.Contains 2 MI domains.
GENE INFORMATION	
Gene Name	PDCD4 programmed cell death 4 (neoplastic transformation inhibitor) [Homo sapiens]
Official Symbol	PDCD4
Synonyms	PDCD4; programmed cell death 4 (neoplastic transformation inhibitor); programmed cell death protein 4; H731; nuclear antigen H731;
Gene ID	27250
mRNA Refseq	NM_001199492
Protein Refseq	NP_001186421
MIM	608610
Uniprot ID	Q53EL6
Chromosome Location	10q24
Pathway	mTOR signaling pathway, organism-specific biosystem;

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Function	RNA binding; binding; protein binding;
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