



Human PIDD1 peptide (DAG-P0790)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene contains a leucine-rich repeat and a death domain. This protein has been shown to interact with other death domain proteins, such as Fas (TNFRSF6)-associated via death domain (FADD) and MAP-kinase activating death domain-containing protein (MADD), and thus may function as an adaptor protein in cell death-related signaling processes. The expression of the mouse counterpart of this gene has been found to be positively regulated by the tumor suppressor p53 and to induce cell apoptosis in response to DNA damage, which suggests a role for this gene as an effector of p53-dependent apoptosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2010]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
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	PIDD1 p53-induced death domain protein 1 [Homo sapiens (human)]
Official Symbol	PIDD1
Synonyms	PIDD1; p53-induced death domain protein 1; LRDD; PIDD; p53-induced protein with a death domain; leucine-rich repeats and death domain containing; leucine-rich repeat and death domain-containing protein;
Entrez Gene ID	55367

mRNA Refseq	NM_145886.3
Protein Refseq	NP_665893.2
UniProt ID	Q9HB75
Chromosome Location	11p15.5
Pathway	Caspase cascade in apoptosis, organism-specific biosystem; DNA damage response, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; NF-kappa B signaling pathway, organism-specific biosystem; miRNA Regulation of DNA Damage Response, organism-specific biosystem; p53 signaling pathway, organism-specific biosystem; p53 signaling pathway, conserved biosystem;
Function	death receptor binding; protein binding;