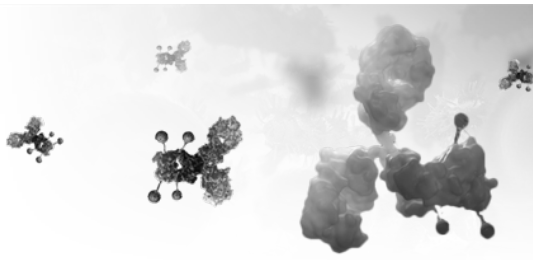

Human PPP1R15A blocking peptide (CDBP2358)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PPP1R15A/GADD34 antibody
Antigen Description	This gene is a member of a group of genes whose transcript levels are increased following stressful growth arrest conditions and treatment with DNA-damaging agents. The induction of this gene by ionizing radiation occurs in certain cell lines regardless of p53 status, and its protein response is correlated with apoptosis following ionizing radiation. [provided by RefSeq, Jul 2008]
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	PPP1R15A protein phosphatase 1, regulatory subunit 15A [Homo sapiens (human)]
Official Symbol	PPP1R15A
Synonyms	PPP1R15A; protein phosphatase 1, regulatory subunit 15A; GADD34; protein phosphatase 1

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	regulatory subunit 15A; growth arrest and DNA-damage-inducible 34; growth arrest and DNA damage-inducible protein GADD34; protein phosphatase 1, regulatory (inhibitor) subunit 15A; myeloid differentiation primary response protein MyD116 homolog;
Entrez Gene ID	23645
mRNA Refseq	NM_014330.3
Protein Refseq	NP_055145.3
UniProt ID	O75807
Chromosome Location	19q13.2
Pathway	BMP receptor signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downregulation of TGF-beta receptor signaling, organism-specific biosystem; Loss of Function of SMAD2/3 in Cancer, organism-specific biosystem; Loss of Function of SMAD4 in Cancer, organism-specific biosystem; Loss of Function of TGFBR1 in Cancer, organism-specific biosystem; Loss of Function of TGFBR2 in Cancer, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific bi
Function	protein binding; protein kinase binding;

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