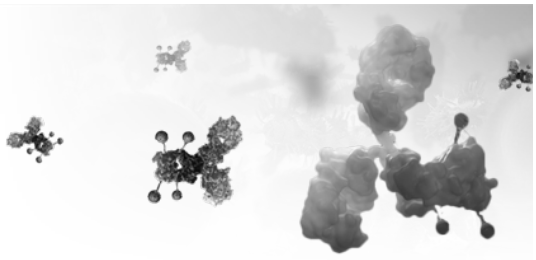

Human ACIN1 blocking peptide (CDBP0294)

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

PRODUCT INFORMATION

Product Overview	Acinus (internal) peptide (human)
Antigen Description	Apoptosis is defined by several morphologic nuclear changes, including chromatin condensation and nuclear fragmentation. This gene encodes a nuclear protein that induces apoptotic chromatin condensation after activation by caspase-3, without inducing DNA fragmentation. This protein has also been shown to be a component of a splicing-dependent multiprotein exon junction complex (EJC) that is deposited at splice junctions on mRNAs, as a consequence of pre-mRNA splicing. It may thus be involved in mRNA metabolism associated with splicing. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	BL
Concentration	0.2 mg/ml
Size	50 µg
Buffer	PBS with 0.1% BSA 0.02% sodium azide pH7.2
Preservative	0.02% Sodium Azide
Storage	Upon Receipt - Keep as concentrated solution. Aliquot and store at -20℃ or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	ACIN1 apoptotic chromatin condensation inducer 1 [Homo sapiens (human)]

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Official Symbol	ACIN1
Synonyms	ACIN1; apoptotic chromatin condensation inducer 1; ACN; ACINUS; fSAP152; apoptotic chromatin condensation inducer in the nucleus; functional spliceosome-associated protein 152;
Entrez Gene ID	22985
mRNA Refseq	NM_001164814.1
Protein Refseq	NP_001158286.1
UniProt ID	Q9UKV3
Chromosome Location	14q11.2
Pathway	Apoptosis, organism-specific biosystem; Apoptotic cleavage of cellular proteins, organism-specific biosystem; Apoptotic execution phase, organism-specific biosystem; Exon junction complex (EJC), organism-specific biosystem; Exon junction complex (EJC), conserved biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; mRNA surveillance pathway, organism-specific biosystem; mRNA surveilla
Function	ATPase activity; enzyme binding; nucleic acid binding; nucleotide binding; poly(A) RNA binding; protein binding;

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