



TRIB3 peptide (DAG-P1271)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. [provided by RefSeq, Jul 2008]
Specificity	Highest expression in liver, pancreas, peripheral blood leukocytes and bone marrow. Also highly expressed in a number of primary lung, colon and breast tumors. Expressed in spleen, thymus, and prostate and is undetectable in other examined tissues, includ
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Tribbles subfamily. Contains 1 protein kinase domain.
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	TRIB3 tribbles pseudokinase 3 [Homo sapiens (human)]
Official Symbol	TRIB3
Synonyms	TRIB3; tribbles pseudokinase 3; NIPK; SINK; TRB3; SKIP3; C20orf97; tribbles homolog 3;

TRB-3; p65-interacting inhibitor of NF-kappaB; p65-interacting inhibitor of NF-kappa-B;
neuronal cell death inducible putative kinase; neuronal cell death-inducible putative kinase;

Entrez Gene ID	57761
mRNA Refseq	NM_021158.3
Protein Refseq	NP_066981.2
UniProt ID	Q96RU7
Chromosome Location	20p13-p12.2
Pathway	Activation of PKB, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adipogenesis, organism-specific biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor
Function	ATP binding; NOT kinase activity; protein binding; protein kinase binding; protein kinase binding; protein kinase inhibitor activity; transcription corepressor activity; ubiquitin protein ligase binding; ubiquitin-protein ligase regulator activity;