

Recombinant Human TRIB3

Cat. No. TRIB3-30123TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TRIB3 with proprietary tag; Predicted MWt 65.12.
Species	Human
Source	Wheat Germ
ProteinLength	358 amino acids
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.
Molecular Weight	65.120kDa inclusive of tags
Tissue 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
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00 Constituents: 0.79% Tris HCl, 0.31% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	<p>MRATPLAAPAGSLSRKKRLELDDNLDTERPVQKRARSGPQPRLPPCLLPLSPPTAP DRATAVATASRLGPYVLEPEEGGRAYRALHCPTGTEYTCKVYPVQEALAVLEPYA RLPPHKHVARPTEVLAGTQLLYAFFTRTHGDMHSLVRSRHRIPPEAAVLFRQMATA LAHCHQHGLVLRDLKLCRFVVFADRERKLVLENLEDSVLTGPDDSLWDKHACPAY VGPEILSSRASYSGKAADVWSLGVALFTMLAGHYPFQDSEPVLLFGKIRRGAYALPA GLSAPARCLVRCLLRREPAERLTATGILLHPWLRQDPMPLAPTRSHLWEAAQVVPD GLGLDEAREEEGDREVVLYG</p>
Sequence Similarities	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. Tribbles subfamily. Contains 1 protein kinase domain.

GENE INFORMATION

Gene Name	TRIB3 tribbles homolog 3 (Drosophila) [Homo sapiens]
Official Symbol	TRIB3
Synonyms	TRIB3; tribbles homolog 3 (Drosophila); C20orf97, chromosome 20 open reading frame 97; tribbles homolog 3; dJ1103G7.3; TRB3;
Gene ID	57761
mRNA Refseq	NM_021158
Protein Refseq	NP_066981

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MIM	607898
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;
Function	ATP binding; NOT kinase activity; protein binding; protein kinase binding; protein kinase binding;

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