Recombinant Human TRIB2 Protein, His-tagged

Cat. No. TRIB2-326H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein from the full-length sequence of Homo sapiens tribbles pseudokinase 2 (TRIB2), transcript variant 1 (NM_021643), with a His tag was expressed in human cells.
Species	Human
Source	Human Cells
Description	This gene encodes one of three members of the Tribbles family. The Tribbles members share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. The Tribbles proteins interact and modulate the activity of signal transduction pathways in a number of physiological and pathological processes. This Tribbles member induces apoptosis of cells mainly of the hematopoietic origin. It has been identified as a protein up-regulated by inflammatory stimuli in myeloid (THP-1) cells, and also as an oncogene that inactivates the transcription factor C/EBPalpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia. Alternatively spliced transcript variants have been found for this gene.
Molecular Mass	38.6 kDa
Endotoxin	Endotoxin level is < 0.1 ng/μg of protein (<1EU /μg)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining

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Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies; For research & development use only!
Storage Buffer	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives

GENE INFORMATION

Gene Name	TRIB2 tribbles pseudokinase 2 [Homo sapiens (human)]
Official Symbol	TRIB2
Synonyms	TRIB2; tribbles pseudokinase 2; C5FW; TRB2; GS3955; tribbles homolog 2
Gene ID	28951
mRNA Refseq	NM_021643
Protein Refseq	NP_067675
MIM	609462
UniProt ID	Q92519

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