

Recombinant Human TRIB2 Protein, MYC/DDK-tagged

Cat. No. TRIB2-2622H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TRIB2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

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.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 38.6 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name TRIB2 tribbles homolog 2 (Drosophila) [Homo sapiens]

Official Symbol TRIB2

Synonyms C5FW; GS3955; TRB2

Gene ID 28951

mRNA Refseq NM_021643

Protein Refseq NP_067675

MIM 609462

UniProt ID Q92519

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