

Recombinant Human TRIB2, GST-tagged

Cat. No. TRIB2-24H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human TRIB2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	TRIB2 or tribbles homolog 2 proteins encode one of three members of the Tribbles family that share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. TRIB2 protein interacts and modulates the activity of signal transduction pathways in a number of physiological and pathological processes. TRIB2 is regulated by inflammatory stimuli in myeloid (THP-1) cells. TRIB2 can act as an oncogene that inactivates the transcription factor C/EBPalpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia. TRIB2 is a p65-interacting negative regulator of NF-kappa-B-dependent transcription.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~64 kDa
Applications	Western Blot
Storage	Store product at -70oC. For optimal storage, aliquot target into smaller quantities

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after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

GENE INFORMATION

Gene Name	TRIB2 tribbles homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	TRIB2
Synonyms	TRIB2; tribbles homolog 2 (Drosophila); tribbles homolog 2; GS3955; TRB2; C5FW; FLJ57420;
Gene ID	28951
mRNA Refseq	NM_021643
Protein Refseq	NP_067675
MIM	609462
UniProt ID	Q92519
Chromosome Location	2p25.1
Function	ATP binding; NOT nucleotide binding; NOT protein kinase activity; protein kinase inhibitor activity; transcription factor binding; transferase activity, transferring phosphorus-containing groups; ubiquitin protein ligase binding; ubiquitin-protein ligase regulator activity;

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