

Recombinant Human TRIB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TRIB2-3646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TRIB2 MS Standard C13 and N15-labeled recombinant protein (NP_067675) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	38.8 kDa
AA Sequence	MNIHRSTPITIARYGRSRNKTQDFEELSSIRSAEPSQSFSPNLGSPSPPETPNLSHCV SCIGKYLLLEPLEGDHVFRAVHLHSGEELVCKVFDISCYQESLAPCFCLSAHSNINQIT EILGETKAYVFFERSYGDMHSFVRTCKKLREEEAARLFYQIASAVAHCHDGGGLVLR

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DLKLRKFIFKDEERTRVKLESLEDAYILRGDDDSLSDKHGCPAYVSPEILNTSGSYSG
 KAADVWSLGVMLYTMLVG RYPFHDI EPSSLFSKIRRGQFNIPETLSPKAKCLIRSILRR
 EPSERLTSQEILDHPWFSTDFSVSNSAYGAKEVSDQLVPDVNMEENLDPFFNTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name TRIB2 tribbles pseudokinase 2 [Homo sapiens (human)]

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

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MIM	609462
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UniProt ID	Q92519
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