

Recombinant Full Length Human TRIB2 Protein, C-Flag-tagged

Cat. No. TRIB2-1626HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TRIB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.6 kDa
AA Sequence	MNIHRSTPITIARYGRSRNKTQDFEELSSIRSAEPSQSFSPNLGSPSPPETPNLSHCV SCIGKYLLLEPL EGDHVFRAVHLHSGEELVCKVFDISCYQESLAPCFCLSAHSNINQI TEILGETKAYVFFERSYGDMHSF VRTCKKLREEEAARLFYQIASAVAHCHDGGGLVL

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RDLKLRKFIFKDEERTRVKLESLEDAYILRGDDDSLS DKHGCPAYVSPEILNTSGSYS
GKAADVWSLGVMLYTMLVGGRYPFHDI EPSSLFSKIRRGQFNIPETLSPK
AKCLIRSILRREPSERLTSQEILDHPWFSTDFSVSNSAYGAKEVSDQLVPDVNMEEN
LDPFFNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protein Kinase
Full Length	Full L.

GENE INFORMATION

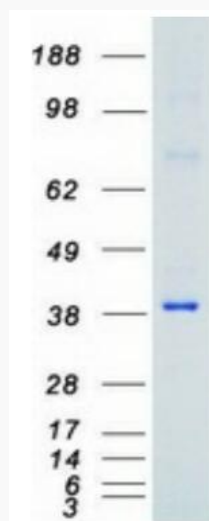
Gene Name	TRIB2 tribbles pseudokinase 2 [Homo sapiens (human)]
Official Symbol	TRIB2
Synonyms	C5FW; TRB2; GS3955
Gene ID	28951

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mRNA Refseq	NM_021643.4
Protein Refseq	NP_067675.1
MIM	609462
UniProt ID	Q92519



Coomassie blue staining of purified TRIB2 protein.