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## Datasheet for ABIN7198336

**TRIB2 Protein**

## Overview

Quantity:	50 µg
Target:	TRIB2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant

## Product Details

Purpose:	Recombinant Human TRIB2/TRB2 Protein
Sequence:	Met1-Asn343
Characteristics:	A DNA sequence encoding the human TRIB2 (NP_006204.1) (Met 1-Asn 343) was expressed and purified, with additional two amino acids (Gly & Pro) at the N-terminus.
Purity:	> 82 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	TRIB2
Alternative Name:	TRIB2/TRB2 ( <a href="#">TRIB2 Products</a> )
Background:	Background: Tribbles homolog 2, also known as TRB-2, and Trib2, is a member of the protein kinase superfamily and Tribbles subfamily (Trib1, Trib2, Trib3). The identification of tribbles as regulators of signal processing systems and physiological processes, including development, together with their potential involvement in diabetes and cancer, has generated considerable

## Target Details

interest in these proteins. Tribbles have been reported to regulate activation of a number of intracellular signalling pathways with roles extending from mitosis and cell activation to apoptosis and modulation of gene expression. Tribbles controls the timing of mitosis in the prospective mesoderm, allowing cell-shape changes to be completed. This mechanism for coordinating cell division and cell-shape changes may have helped *Drosophila* to evolve its mode of rapid early development. Trib2 was identified as a downregulated transcript in leukemic cells undergoing growth arrest. Trib2-transduced bone marrow cells exhibited a growth advantage and readily established factor-dependent cell lines. Trib2-reconstituted mice uniformly developed fatal transplantable acute myelogenous leukemia (AML).

Synonym: C5FW,FLJ57420,GS3955,TRB2,TRIB2

Molecular Weight:	39 kDa
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NCBI Accession:	<a href="#">NP_006204</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as sterile 50 mM Tris, 100 mM NaCl, 0.5 mM PMSF, pH 8.0
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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