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Datasheet for ABIN7198335

## TRIB2 Protein (GST tag,His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	TRIB2
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRIB2 protein is labelled with GST tag,His tag.

#### Product Details

Purpose:	Recombinant Human TRIB2/TRB2 Protein (His & GST Tag)
Sequence:	Met 1-Asn 343
Characteristics:	A DNA sequence encoding the human TRIB2 (NP_067675.1) (Met 1-Asn 343) was fused with the GST tag at the N-terminus and a polyhistidine tag at the C-terminus.
Purity:	> 90 % 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,

## Target Details

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together with their potential involvement in diabetes and cancer, has generated considerable 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

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Molecular Weight: 66 kDa

NCBI Accession: [NP\\_067675](#)

## Application Details

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Restrictions: For Research Use only

## Handling

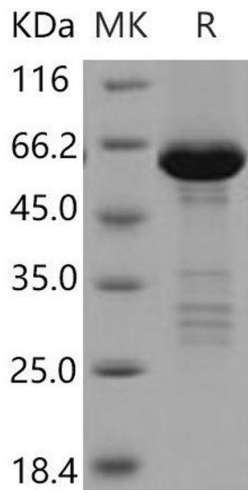
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Format: Frozen, Liquid

Buffer: Supplied as sterile 50 mM Tris, 100 mM NaCl, 0.5 mM PMSF, 0.5 mM GSH, pH 8.0

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.



**Western Blotting**

**Image 1.**