

# Recombinant Human TRIB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** TRIB1-1918H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	TRIB1 MS Standard C13 and N15-labeled recombinant protein (NP_079471) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Adapter protein involved in protein degradation by interacting with RFWD2/COP1 ubiquitin ligase. The RFWD2-binding motif is masked by autoinhibitory interactions with the protein kinase domain. Serves to alter RFWD2 substrate specificity by directing the activity of RFWD2 toward CEBPA. Binds selectively the recognition sequence of CEBPA. Regulates myeloid cell differentiation by altering the expression of CEBPA in a RFWD2-dependent manner. Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain. Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity.
<b>Molecular Mass</b>	41 kDa
<b>AA Sequence</b>	MRVGPVRSAMSGASQPRGPALLFPATRGVPAKRLLDADDAAAVAAKCPRLSECSS PPDYLSPPGSPCSPQPPPAAPGAGGGSGSAPGPSRIADYLLLPLAEREHVSRALCIH TGREL RCKVFPKHYQDKIRPYIQLPSHSNITGIVEVILGETKAYVFFEKDFGDMHSYV RSRKR LREEEAARLFKQIVSAVAHCHQSAIVLGD LKLRKFVSTEERTQLRLESLEDT HIMKGEDDALSDKHGCPAYVSPEILNTTGTYSGKAADVWSLGVMLYTL LVGRYPFH

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DSDPSALFSKIRRGQFCIPEHISPKARCLIRSLRREPSERLTAPEILLHPWFESVLEP  
GYIDSEIGTSDQIVPEYQEDSDISSFFCTRTRPQKLISEEDLAANDILDYKDDDDKV

**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** [TRIB1 tribbles pseudokinase 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [TRIB1](#)

**Synonyms** TRIB1; tribbles homolog 1 (Drosophila); tribbles homolog 1; C8FW; GIG2; TRB1; GIG-2; TRB-1; tribbles-like protein 1; G-protein-coupled receptor induced protein; G-protein-coupled receptor-induced protein 2; phosphoprotein regulated by mitogenic pathways; G-protein-coupled receptor-induced gene 2 protein; SKIP1;

**Gene ID** [10221](#)

**mRNA Refseq** [NM\\_025195](#)

**Protein Refseq** [NP\\_079471](#)

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MIM 609461

UniProt ID Q96RU8

SDS-PAGE



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