

Recombinant Mouse Trib1 Protein, Myc/DDK-tagged

Cat. No. Trib1-6640M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tribbles pseudokinase 1 (Trib1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase. Promotes CEBPA degradation and inhibits its function. Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain. Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner. Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity.
Molecular Mass	41.3 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Trib1 tribbles pseudokinase 1 [*Mus musculus* (house mouse)]

Official Symbol Trib1

Synonyms TRIB1; tribbles homolog 1 (*Drosophila*); tribbles homolog 1; Trb1; TRB-1; A530090O15Rik

Gene ID 211770

mRNA Refseq NM_144549

Protein Refseq NP_653132

UniProt ID Q8K4K4

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