Recombinant Human TRIB1, GST-tagged

Cat. No. TRIB1-23H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human TRIB1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	TRIB1 or tribbles homolog 1 protein encodes one of three members of the Tribbles family that share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. TRIB1 is highly expressed in skeletal muscle, thyroid, pancreas, peripheral blood leukocytes, and bone marrow. The overexpression of TRIB1 may be functionally important consequence of 8q24 amplicons in AML and MDS. TRIB1 is a p65-interacting negative regulator of NF-kappa-B-dependent transcription.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~70 kDa
Applications	Western Blot
Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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GENE INFORMATION

Gene Name	TRIB1 tribbles homolog 1 (Drosophila) [Homo sapiens]
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
MIM	609461
UniProt ID	Q96RU8
Chromosome Location	8q24.13
Function	NOT ATP binding; mitogen-activated protein kinase kinase binding; NOT protein kinase activity; protein kinase inhibitor activity; transcription factor binding; transferase activity, transferring phosphorus-containing groups; ubiquitin protein ligase binding; ubiquitin-protein ligase regulator activity;

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