

Recombinant Human TRIM23 cell lysate

Cat. No. TRIM23-1824HCL Lot. No. (See product label)

SPECIFICATION

Species

Human

Description

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene have been described.

Size

100 ul

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Applications

Western Blot;

GENE INFORMATION

Gene Name

TRIM23 tripartite motif containing 23 [Homo sapiens]

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Official Symbol	TRIM23
Synonyms	TRIM23; tripartite motif containing 23; ADP ribosylation factor domain protein 1, 64kDa , ARFD1, tripartite motif containing 23; E3 ubiquitin-protein ligase TRIM23; ARD1; RNF46; ARF domain protein 1; RING finger protein 46; GTP-binding protein ARD-1; tripartite motif-containing 23; tripartite motif protein TRIM23; tripartite motif-containing protein 23; ADP-ribosylation factor domain protein 1, 64kDa; ADP-ribosylation factor domain-containing protein 1; ARFD1;
Gene ID	373
mRNA Refseq	NM_001656
Protein Refseq	NP_001647
MIM	601747
UniProt ID	P36406
Chromosome Location	5q12.3
Function	GDP binding; GTP binding; GTPase activity; enzyme activator activity; ligase activity; metal ion binding; nucleotide binding; protein binding; ubiquitin-protein ligase activity; zinc ion binding;

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