

Recombinant Mouse Trim39 Protein, Myc/DDK-tagged

Cat. No. Trim39-6655M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tripartite motif protein 39 (cDNA clone MGC:19239 IMAGE:3666785), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase. May facilitate apoptosis by inhibiting APC/C-Cdh1-mediated poly-ubiquitination and subsequent proteasome-mediated degradation of the pro-apoptotic protein MOAP1. Regulates the G1/S transition of the cell cycle and DNA damage-induced G2 arrest by stabilizing CDKN1A/p21. Positively regulates CDKN1A/p21 stability by competing with DTL for CDKN1A/p21 binding, therefore disrupting DCX(DTL) E3 ubiquitin ligase complex-mediated CDKN1A/p21 ubiquitination and degradation.
Molecular Mass	57.3 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Trim39 tripartite motif-containing 39 [*Mus musculus* (house mouse)]

Official Symbol Trim39

Synonyms Trim39; tripartite motif-containing 39; tf; Rnf; tfp; Rnf23; RBCC-B30.; mKIAA4179; RBCC-B30.2; 1100001D15Rik; E130103K13Rik; E3 ubiquitin-protein ligase TRIM39; RING-B box-coiled-coil-B30.2; RING-type E3 ubiquitin transferase TRIM39; ring finger protein 23; testis-abundant finger protein; tripartite motif-containing protein 39; EC 2.3.2.27

Gene ID 79263

mRNA Refseq NM_024468

Protein Refseq NP_077788

UniProt ID Q9ESN2

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