

Recombinant Mouse Thap1 Protein, Myc/DDK-tagged

Cat. No. Thap1-6404M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length THAP domain containing, apoptosis associated protein 1 (Thap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	DNA-binding transcription regulator that regulates endothelial cell proliferation and G1/S cell-cycle progression. Specifically binds the 5'-[AT]NTNN[GT]GGCA[AGT]-3' core DNA sequence and acts by modulating expression of pRB-E2F cell-cycle target genes, including RRM1. Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1. May also have pro-apoptotic activity by potentiating both serum-withdrawal and TNF-induced apoptosis.
Molecular Mass	24.6 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 Thap1 THAP domain containing, apoptosis associated protein 1 [Mus musculus (house mouse)]

Official Symbol Thap1

Synonyms THAP1; THAP domain containing, apoptosis associated protein 1; THAP domain-containing protein 1; AW490810; 4833431A01Rik

Gene ID 73754

mRNA Refseq NM_199042

Protein Refseq NP_950243

UniProt ID Q8CHW1

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