

## Product datasheet for TP502256

### Thap1 (NM\_199042) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse THAP domain containing, apoptosis associated protein 1 (Thap1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202256 protein sequence Red=Cloning site Green=Tags(s)

MVQSCSAYGCKNRYDKDKPVSFHKFPLTRPSLCKQWEAAVKRKNFKPTKYSSICSEHFTPDCFKRECNNK  
LLKENAVPTIFLYIEPHEKKEDLESQEQLPSPSPASQVDAAGLLMPPLQTPDNLVFCDHNYTVEDTM  
HQRKRILQLEQQVEKLRKLLKTAQQRCCRQERQLEKLKEVWHFQREKDDASERGYVILPNDYFEIVEVPA

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	24.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_950243</a>
Locus ID:	73754
UniProt ID:	<a href="#">Q8CHW1</a>
RefSeq Size:	2267
Cytogenetics:	8 A2



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RefSeq ORF: 633

Synonyms: 4833431A01Rik; AW490810

**Summary:** 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 (By similarity).[UniProtKB/Swiss-Prot Function]