

Product datasheet for **TP503884**

Tia1 (BC023813) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse cytotoxic granule-associated RNA binding protein 1 (cDNA clone MGC:36034 IMAGE:5353938), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR203884 protein sequence
Red=Cloning site **Green**=Tags(s)

MEDEMPKTLVGNLSRDVTEALILQLFSQIGPCKNCKMIMDTAGNDPYCFVEFHEHRHAAAALAAMNGRK
IMGKEVKVNWATTPSSQKKDTSNHFHVFGDLSPEITTEDIKAAFAPFGRISDARVVKDMATGKSKGYGF
VSFFNKWDAENAIQQMGGQWLGGQRQIRTNWATRKPAPKSTYESNTKQLSYDEVVSQSSPNNCTVYCGGV
TSGLTEQLMRQTFSPFGQIMEIRVFPDKGYSFVRQTQSSAPWMGPNYSVPPPQGQNGSMLPSQPAGYRVA
GYETQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 31.6 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.

Locus ID: 21841

UniProt ID: [P52912](#)

RefSeq Size: 1455



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Cytogenetics:	6 D1
RefSeq ORF:	855
Synonyms:	2310050N03Rik; A1256674; mTIA-1; TIA-1
Summary:	Involved in alternative pre-RNA splicing and regulation of mRNA translation by binding to AU-rich elements (AREs) located in mRNA 3' untranslated regions (3' UTRs). Possesses nucleolytic activity against cytotoxic lymphocyte target cells. May be involved in apoptosis (By similarity). [UniProtKB/Swiss-Prot Function]