

Recombinant Mouse Wtap Protein, Myc/DDK-tagged

Cat. No. Wtap-7012M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse Wilms tumour 1-associating protein (Wtap), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Associated component of the WMM complex, a complex that mediates N6-methyladenosine (m6A) methylation of RNAs, a modification that plays a role in the efficiency of mRNA splicing and RNA processing. Acts as a key regulator of m6A methylation by promoting m6A methylation of mRNAs at the 3'-UTR. Required for accumulation of METTL3 and METTL14 to nuclear speckle. Acts as a mRNA splicing regulator. Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability. Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes.
Molecular Mass	17.8 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 [Wtap Wilms tumour 1-associating protein \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Wtap](#)

Synonyms WTAP; Wilms tumour 1-associating protein; pre-mRNA-splicing regulator WTAP; WT1-associated protein; female-lethal(2)D homolog; wilms tumor 1-associating protein; 2810408K05Rik; 9430038B09Rik

Gene ID [60532](#)

mRNA Refseq [NM_175394](#)

Protein Refseq [NP_780603](#)

UniProt ID [Q9ER69](#)

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