

Recombinant Mouse Tdrd3 Protein, Myc/DDK-tagged

Cat. No. Tdrd3-6349M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tudor domain containing 3 (Tdrd3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Scaffolding protein that specifically recognizes and binds dimethylarginine-containing proteins. In nucleus, acts as a coactivator: recognizes and binds asymmetric dimethylation on the core histone tails associated with transcriptional activation (H3R17me2a and H4R3me2a) and recruits proteins at these arginine-methylated loci. In cytoplasm, may play a role in the assembly and/or disassembly of mRNA stress granules and in the regulation of translation of target mRNAs by binding Arg/Gly-rich motifs (GAR) in dimethylarginine-containing proteins.
Molecular Mass	82.3 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.
Concentration	>50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Tdrd3 tudor domain containing 3 [Mus musculus (house mouse)]

Official Symbol Tdrd3

Synonyms TDRD3; tudor domain containing 3; tudor domain-containing protein 3; 6720468N18; 4732418C03Rik

Gene ID 219249

mRNA Refseq NM_172605

Protein Refseq NP_766193

UniProt ID Q91W18

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