Recombinant Mouse Tcte1 Protein, Myc/DDK-tagged

Cat. No. Tcte1-6345M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length t-complex-associated testis expressed 1 (Tcte1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the nexin-dynein regulatory complex (N-DRC) a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes. May play a role in the assembly of N-DRC. Required for sperm motility.
Molecular Mass	55.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tcte1 t-complex-associated testis expressed 1 [Mus musculus (house mouse)]
Official Symbol	Tcte1
Synonyms	TCTE1; t-complex-associated testis expressed 1; T-complex-associated testis-expressed protein 1; Tcte-1; D17Sil1
Gene ID	21645
mRNA Refseq	NM_013688
Protein Refseq	NP_038716
UniProt ID	A6H639

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