

Product datasheet for TP522782

Tcte1 (NM_013688) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse t-complex-associated testis expressed 1 (Tcte1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222782 protein sequence Red =Cloning site Green =Tags(s) MQETPSVPSNSSSHSQSVLTIQRQVSALGSSSTGPTSLKTSSTPTPGQLKTKVPNVRRMRRISEDAEWS LAIVPLLTELICQHIVKNFQNNPILKQLPLEHQKKVLSNLPPPLTVTANLIDDENYWHRCCKRWSVC HVSRHGGSWKRMFFERHLENLLKLFIPGTTDPNVILDLLPLCRNYVRRIHVDQFLPPVRMPTPLQGEEQS DSGSEGESEPEKDHYQLQTLVGGLKHLEELDLYGVKDCGMNFEWNLFLFTYRDCYSLAATIKACHTLK IFKLTRSKVDDDKARILIRSLLDHPALEELDLSHNLIGDRGARAANKLLSHSRLRVNLANNQLQAPGAQ SLAHLAHTNLVFLNLRNLNCIEDEGGQAIAHALETNKCLSVLHLGGNKLSEPTATLLSQMLTVNTTLVS LNLSCNHIGQDGGKQLLEGISDNKILEFDLRLSDVSQSEYLGQVLHANREARQRTLNPGHFSSPTN NCTENSVV TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	55.5 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:	<u>NP_038716</u>


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Locus ID:	21645
UniProt ID:	A6H639
RefSeq Size:	3074
Cytogenetics:	17 22.54 cM
RefSeq ORF:	1494
Synonyms:	D17Sil1; Tcte-1
Summary:	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 (By similarity). Required for sperm motility (PubMed:28630322).[UniProtKB/Swiss-Prot Function]