

Product datasheet for TP502185

Ict1 (BC028523) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse immature colon carcinoma transcript 1 (cDNA clone MGC:41300 IMAGE:2938122), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202185 protein sequence Red =Cloning site Green =Tags(s) MATAWGLRWGLSRTGTLALLAPPARCARRALHRQVDGTTTFQSIYSLDKLYPESKGADTAWKVPEHAKQASS YIPLDRLSISYCRSSGPGGQNVNKNVNSKAEVRFHLASADWIEEPVRQKIALTHKNKINKAGELVLTSESS RYQFRNLAECLQKIRDMIAEASQVPKEPSKEDARLQRLRIEKMNRERLRQKRLNSALKTSRRMTMD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	23.5 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.
Locus ID:	68572
UniProt ID:	Q8R035
RefSeq Size:	879
Cytogenetics:	11 E2



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RefSeq ORF: 618

Synonyms: 1110001A02Rik; 1110002E03Rik; MRP-L58

Summary: Essential peptidyl-tRNA hydrolase component of the mitochondrial large ribosomal subunit (PubMed:20869366). Acts as a codon-independent translation release factor that has lost all stop codon specificity and directs the termination of translation in mitochondrion, possibly in case of abortive elongation. May be involved in the hydrolysis of peptidyl-tRNAs that have been prematurely terminated and thus in the recycling of stalled mitochondrial ribosomes (By similarity).[UniProtKB/Swiss-Prot Function]