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Product datasheet for TP505108

Ccny (BC023321) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cyclin Y (cDNA clone MGC:28252 IMAGE:3995040), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205108 protein sequence Red=Cloning site Green=Tags(s) MGNTTSCCVSSSPKLRRNAHSRLESYRPDTDLSREDTGCNLQHISDRENIDDLNMEFNPSDHPRASTIFL SKSQTDVREKRKSLFINHHPPGQTSRKYSSCSTIFLDDSTVSQPNLKYTIKCVALAIYYHIKNRDPDGRM LLDIFDENLHPLSKSEVPPDYDKHNPEQKQIYRFVRTLFSAAQLTAECAIVTLVYLERLLTYAEIDICPA NWKRIVLGAILLASKVWDDQAVWNVDYCQILKDITVEDMNELERQFLELLQFNINVPSSVYAKYYFDLRS LAEANNLSFPLEPLSRERAHKLEAISRLCEDKYKDLRKPMRKRSASADNLILPRWSPAIIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.4 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:	67974
UniProt ID:	Q8BGU5
RefSeq Size:	2104

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Cytogenetics:	18 A1
RefSeq ORF:	1023
Synonyms:	1700025H17Rik; 3110050L10Rik; 4631402G10Rik; 5730405I09Rik
Summary:	Positive regulatory subunit of the cyclin-dependent kinase CDK14/PFTK1. Acts as a cell-cycle regulator of Wnt signaling pathway during G2/M phase by recruiting CDK14/PFTK1 to the plasma membrane and promoting phosphorylation of LRP6, leading to the activation of the Wnt signaling pathway (By similarity). Recruits CDK16 to the plasma membrane (By similarity). Positive regulatory subunit of the cyclin-dependent kinase CDK16.[UniProtKB/Swiss-Prot Function]