OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC204305

Mps1 (TTK) (NM_003318) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Mps1 (TTK) (NM_003318) Human 3' UTR Clone
Symbol:	Mps1
Synonyms:	CT96; ESK; MPH1; MPS1; MPS1L1; PYT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003318
Insert Size:	355 bp
Insert Sequence:	>SC204305 3'UTR clone of NM_003318 The sequence shown below is from the reference sequence of NM_003318. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACTTTTGAAAAAAAAAGGGGAAAAAAATGATTTGCAGTTATTCGTAATGTCAGATACCACCTATAAAAT ATATTGGACTGTTATACTCTTGAATCCCTGTGGAAATCTACATTTGAAGACAACATCACTCTGAAGTGT TATCAGCAAAAAAAATTCAGTAGATTATCTTTAAAAGAAAACTGTAAAAATAGCAACCACTTATGGCAC TGTATATATTGTAGACTTGTTTTCTCTGTTTTATGCTCTTGTGTAATCTACTTGACATCATTTTACTCT TGGAATAGTGGGTGGATAGCAAGTATATTCTAAAAAACTTTGTAAATAAAGTTTTGTGGCTAAAATGAC ACTAACATTT ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq:	NM_003318.5
Summary:	This gene encodes a dual specificity protein kinase with the ability to phosphorylate tyrosine, serine and threonine. Associated with cell proliferation, this protein is essential for chromosome alignment at the centromere during mitosis and is required for centrosome duplication. It has been found to be a critical mitotic checkpoint protein for accurate segregation of chromosomes during mitosis. Tumorigenesis may occur when this protein fails to degrade and produces excess centrosomes resulting in aberrant mitotic spindles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2009]
Locus ID:	7272
MW:	14.1