

Product datasheet for **RC218573**

TMSB4Y (NM_004202) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TMSB4Y (NM_004202) Human Tagged ORF Clone

Tag: Myc-DDK

Symbol: TMSB4Y

Synonyms: TB4Y

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

ORF Nucleotide Sequence: >RC218573 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGACAAACCTGGTATGGCTGAGATCGAGAAATTCGATAAGTCGAACTGAAGAAGACAGAAACGC
AAGAGAAGAATCCATTGTCTTCCAAGAACTATCGAACAGGAGAGGCAAGCAGGCGAATCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC218573 protein sequence
Red=Cloning site Green=Tags(s)

MSDKPGMAEIEKFDKSKLKKTTETQEKNPLSSKETIEQERQAGES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6442_a07.zip

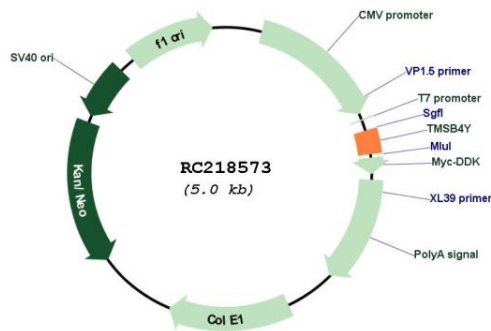
Restriction Sites: Sgfl-MluI



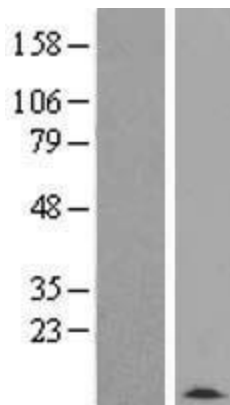
[View online »](#)

RefSeq ORF:	135 bp
Locus ID:	9087
UniProt ID:	O14604
Cytogenetics:	Yq11.221
Protein Families:	Stem cell - Pluripotency
Protein Pathways:	Regulation of actin cytoskeleton
MW:	5 kDa
Gene Summary:	This gene lies within the male specific region of chromosome Y. Its homolog on chromosome X escapes X inactivation and encodes an actin sequestering protein. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC218573



Western blot validation of overexpression lysate (Cat# [LY418148]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218573 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).