

Product datasheet for **SC210613**

MLT5 (TESMIN) (NM_004923) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MLT5
Synonyms:	CXCDC2; MTL5; MTLT
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_004923
Insert Size:	898 bp
Insert Sequence:	>SC210613 3'UTR clone of NM_004923 The sequence shown below is from the reference sequence of NM_004923. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC TTTAAATCTAAGGGATTGAAAATGGAGTAGAGTATAAAGTGTGAATGCATGTTGATTTTGTCTTAGTCT AGAAATCTCTAGTTTAGAAAGGATGTTTAGGGGAACATGAGGCTGGCTCTGCAGCAACAACCCAGGCTCC CCTGCATCCCTGGGCCAGGGAGTTTACTCAGAGCTCTCTGAAGATGTGGCAACCCATGCCCCCTTTTC TGAGGAGGTGCATGGCCTGAGCATTGTTTGTCTGGCCAGAGGAGAGAGCTTGGGTTCCCATAGTCCTG GGAGAGTGTCTGCAGGCGGGCGGAGGGCAGAGCAGGGCAGGGGAGGGCAGCAGGCCCTGCGAAGGGC AGAGCGGGGAGGGGAGGGCAGAGCAGGCCCTGCGGAGAGCTCACTCTGGTCGACTCTTCTCTCAGAG AATGTTGCTCTGGAGGCTGCTCTGCATGAAACCCTAATGGTTTCTGTTTGTCTTCAAATATTATAG AAATAAGTTCTCCGGATGGGCTGTTGTGATACCACTTAAATCTCTAGAGAACTACTGAACACCTAAAG ATTTTCTGTAGCGTAGATATTTCCCGAGAGGCACGCGAACTGTCAGTCTTTCCTAAGGCCCCCGGGAGA CGCAGGCAATGGGGCTCGCAGGCCAGGCTTGACACAGCATGTCTTGAGTTAGAGGACTTAAATATATC CAGTTTCTTCTGTGTTTCTACTTGAATTGTGAAAAGCTCTATTATCCAATTAACCTTCCATAATTAT TGTTGTAATATTATTATTGTTTGTAAAACATGGTTCACATAACTAGCTTGTGGAAACAGCAGGTAAAA TGAATTCCTAAGTTGACGCTTTTGGTCTGTTGTAAAGCAAAGATGAATAAAAAATTTCCAATGTCTTCAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_004923.3</u>
Summary:	Metallothionein proteins are highly conserved low-molecular-weight cysteine-rich proteins that are induced by and bind to heavy metal ions and have no enzymatic activity. They may play a central role in the regulation of cell growth and differentiation and are involved in spermatogenesis. This gene encodes a metallothionein-like protein which has been shown to be expressed differentially in mouse testis and ovary. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	9633
MW:	32.8