

Product datasheet for **SC123264**

CT45A2 (NM_152582) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CT45A2 (NM_152582) Human Untagged Clone
Tag:	Tag Free
Symbol:	CT45A2
Synonyms:	CT45-2; CT45.2; CT45A8; CT45A9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_152582 edited

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AGGGTTTCGGCTGGGGCAGGCACGCTGTGGCTGGCTACTTCCCTTCTCCCATCCCCCTTG
GGCCAAACGGGATCGGTGCTTCTGGTGAGACGCCTCCCCATGCACATCACTCCAGGTGC
CCTAGGGGGCACAATTTCCACAACCTCCAGAGGGCAGGTTTCTAGAAAGTGCCACCAAGT
GGGAGGCGCCACAACCTCACTGCCATTTTGTGAGGTGCCGCCGTCTCTCTCCAGCAAGG
AAACAATGACCGATAAAACAGAGAAGGTGGCTGTAGATCCTGAAACTGTGTTAAACGTC
CCAGGGAATGTGACAGTCCTTCGTATCAGAAAAGGCAGAGGATGGCCCTGTTGGCAAGGA
AACAGGAGCAGGAGACAGCCTTATTGCAGGCTCTGCCATGTCCAAGAAAAGAAGCTTA
TGACAGGACATGCTATTCCACCCAGCCAATTGGATTCTCAGATTGATGACTTCACTGGTT
TCAGCAAAGATAGGATGATGCAGAAACCTGGTAGCAATGCACCTGTGGGAGGAAACGTTA
CCAGCAGTTTCTCTGGAGATGACCTAGAATGCAGAGAAACAGCCTCCTCTCCCAAAGCC
AACGAGAAATTAATGCTGATATAAAACGTAAATTAGTGAAGGAACCTCCGATGCGTTGGAC
AAAAATATGAAAAATCTTCGAAATGCTTGAAGGAGTGCAAGGACCTACTGCAGTCAGGA
AGCGATTTTTTGAATCCATCATCAAGGAAGCAGCAAGATGTATGAGACGAGACTTTGTTA
AGCACCTTAAGAAGAACTGAAACGTATGATTTGAGAATACTTGTCCTGGAGGATTATC
ACACCCCAATGCATAATCTCGTTAATGATTGAGGAGAGAAAAGGATCAGATTGCTGTTT
TCTACAATGGAGCAGGATATTGCTGAAGTCTCCTGGCATATGTTACCGAATCAACTGGCC
TTCCAGAGGCTAAGAAATTTCTGTTAGTAAAAGATGTTCTTTTCCCAAAAAAAAAAAAA
AAAAAAAAAAAAAGAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152582 unedited <pre> GCGTACAAATATTTGTAATACGACTCACTATAGGGCGGCCGCATAACTTCGTATAGCATA CATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGAG GGTTCGGCTGGGGCAGGCACGCTGTGGCTGGCTACTTCCCTTCTCCCATCCCCCTTGGG CCAAACGGGATCGGTGCTTCTGGTGAGACGCCTCCCCATGCACATCACTCCCAGGTGCC TAGGGGGCACATTTCCCACAACCTCCAGAGGGCAGGTTTCTAGAAAGTGCCACCAGTGGG GAGGCGCCACAACCTTCACTGCCATTTTGTGAGGTGCCGCCGTCTCTCTCCAGCAAGGAA ACAATGACCGATAAAACAGAGAAGGTGGCTGTAGATCCTGAAACTGTGTTTAAACGTCCC AGGAATGTGACAGTCCTTCGTATCAGAAAAGGCAGAGGATGGCCCTGTTGGCAAGGAAA CAAGGAGCAGGAGACAGCCTTATTGCAGGCTCTGCCATGTCCAAAGAAAAGAAGCTTATG ACAGGACATGCTATTCCACCCAGCCAATTGGATTCTCAGATTGATGACTTCACTGGTTTC AGCAAAGATAGGATGATGCAGAAACCTGGTAGCAATGCACCTGTGGGAGGAAACGTTACC AGCAGTTTCTCTGGAGATGACCTAGAATGCAGAGAAACAGCCTCTCTCCAAAGCCAAC GAGAAATTAATGCTGATATANAACGTANATTAGTGAAGGAACTCCGATGCGTTGGACANA AATATGAAAAAATCTTCGAAATGCTTTGAAAGAGTGCAGGACCTACTGCAGTCAGGAAGC GATTTTTTGAATCCATCATCAGGAAGCCCAGCAGAGTATGAGACGAGACTTTNGTAAGCA CCTTAAGAAGAACTGAAACGTC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_152582
Insert Size:	1053 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_152582.3 , NP_689795.2
RefSeq Size:	1032 bp
RefSeq ORF:	570 bp
Locus ID:	728911
UniProt ID:	Q5DJT8
Cytogenetics:	Xq26.3

Gene Summary:

This gene represents one of a cluster of several similar genes located on the q arm of chromosome X. The genes in this cluster encode members of the cancer/testis (CT) family of antigens, and are distinct from other CT antigens. These antigens are thought to be novel therapeutic targets for human cancers. [provided by RefSeq, Apr 2014]