

Product datasheet for SC301722

MCART6 (SLC25A53) (NM_001012755) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MCART6 (SLC25A53) (NM_001012755) Human Untagged Clone
Tag:	Tag Free
Symbol:	MCART6
Synonyms:	MCART6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301722 representing NM_001012755. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**
 ATGGGGGAGCAGAACCACTCTCCGGGAAGGAGCTTCAGCACAGGACGCGAGCAGAGGCTCCAGGAAAG
 AAAAGCTGGCATTCCCAGGCCTATGCCCTTGGGGCCGTTTCCAACCTTTATGTCTACTTTTCTGACCTTT
 CCTATCTATAAGGTTGTGTTCCGGCAACAGATCCATGCCATGGCAGTGTGAGAGGCTGTGAGACAGCTT
 TGGCATGAAGTCTCAATACTTCTACCGGGAATCTACCCTCCTTCTCTCAAGACGTTGCAAGGG
 ACTCTTCTGTTTGGGACTTATGATAGCCTGCTGTGCTTTCTCTCCTGTTGGGCCACACACCCTGGGA
 CACCGCTGGGCTGCCGGGCTCATGTCTGGCGTGGTGGAGGCCGTGGCACTCAGCCCTTTGAAAGGGTG
 CAAAATGTGCTCCAGGATGGTCGCAAGCAAGCTCGCTTCCCAGCACCTTCAGCATTCTCAAGGAATTC
 AATTCTTATGGGCTTTGGGGCGGCTGTCACTGGGCTACTATCGTGGTTTCTGGCCTGTCTGGCCAGG
 AACAGCCTGGGGAGTGCTCTATATTTTCTTTCAAGGACCCATCCAGGATGGCCTGGCAGAGCAAGGC
 CTGCCCCACTGGGTTCTGCCTTGGTGTCTGGTAGTGTCAATGGAACAATCACCTGCCTAGTTCTGTAT
 CCTCTGATTGTGCTGGTTGCTAATATGCAGTCCCATATTGGATGGCAGAACATGCCAAGCCTGTGGGCC
 TCTGCCCAGGATGTATGGAACACTCGGGGCCGAAAGCTGCTCCTGATCTACCGTGGAGGCTCCCTAGTC
 ATCCTAAGGTCCAGTGTGACATGGGGCCTCACTACGGCAATCCATGACTTCCTGCAGAGGAAGTCGCAC
 TCCAGGAAAGAGCTGAAGACTGAC**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001012755
Insert Size:	924 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001012755.4</u>
RefSeq Size:	6240 bp
RefSeq ORF:	924 bp
Locus ID:	401612
UniProt ID:	<u>Q5H9E4</u>
Cytogenetics:	Xq22.2
Protein Families:	Transmembrane
MW:	34.5 kDa