

Product datasheet for **MC210011**

Stard10 (NM_019990) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stard10 (NM_019990) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stard10
Synonyms:	AV048538; CGI-52; NY-C0-28; PC-TP2; PCTP2; Pctpl; Sdccag28; SdccagG28; TISP-81
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210011 representing NM_019990 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAAAGCCAGCTGCCTCAACAGAACCCCAAGGGTCTCGGCCCGCCTTGGGCCGTGAAAGTGTCCAGG
TGCCCGATGACCAGGACTTCCGCAGTTTCCGGTCAGAGTGTGAGGCCGAGGTGGCTGGAACCTGACCTA
CAGCAAGCCGGCGTGTCTGTGTGGGTGCAGGCTGTGGAGATGGATCGAACTCTGCACAAGATCAAGTGC
CGGATGGAATGCTGTGACGTGCCAGCTGAGACGCTCTACGATGTCCTGCATGACATAGAATACAGAAAGA
AGTGGGACAGTAATGTCATTGAGACTTTGACATCGCCCGCTTGACTGTCAACGCTGACGTAGGATATTA
TTCTGGAGGTGTCCCAAGCCCCTGAAGAACCCTGATGTCATCACCTCCGCTCCTGGCTCCCCATGGGC
GCTGATTACATCATTATGAACTACTCAGTGAAACACCCTAAATACCCACCTCGGAAAGACTTGGTCCGAG
CTGTGTCCATCCAGACGGGCTACCTCATCCAGAGCACGGGGCCCAAGAGCTGCGTCATCACCTACCTGGC
CCAAGTGGACCCCAAGGCTCCTTACCCAAGTGGGTGGTGAATAAGTCATCTCAGTTCCTGGCCCCAAG
GCCATGAAGAAGATGTACAAGGCCTGCATCAAGTACCCGAGTGGGAAGCAGAAACACCAGCCTCATTTC
AGCCATGGCTGCACCCGGAGCAGAGCCCATTGCCAGCCTGGCGTGTGAGAGTTGTGCGGTGCAACATGC
AGACTCACTGGAGAACATCGATGAGAGTGCAGTGACAGAGAGCCCGGAGGAGCGGGCAGGCGGTGCCGGA
GGAGAGGGCAGCGACGATGACACCTCGCTCACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019990
Insert Size:	876 bp



[View online »](#)

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:	<ol style="list-style-type: none">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:	BC116984 , AAI16985
RefSeq Size:	976 bp
RefSeq ORF:	876 bp
Locus ID:	56018
UniProt ID:	Q9JMD3
Cytogenetics:	7 E2
Gene Summary:	<p>Phospholipid transfer protein that preferentially selects lipid species containing a palmitoyl or stearoyl chain on the sn-1 and an unsaturated fatty acyl chain (18:1 or 18:2) on the sn-2 position. Able to transfer phosphatidylcholine (PC) and phosphatidylethanolamine (PE) between membranes (By similarity). May play metabolic roles in sperm maturation or fertilization.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>