

Product datasheet for MC213197

Sgcz (NM_145841) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sgcz (NM_145841) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sgcz
Synonyms:	C230085N17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC213197 representing NM_145841 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGACAGATCCACGGACCTGGACATCCAGGAGCTCAAGATGACTCGAGAACAATACATACTAGCCACAC
 AGCAGAACAACTGCCGAGACCTGAAAACGCACAACCTCTACCCTGTGGGATTTATGGATGGCGAAAGAG
 GTGCTTATACTCTTTGCTCTTCTGCTGTTGGTTACCATGATAGTTAACTTAGCCATGACAATATGGATA
 TTGAAGGTTATGAATTTCACTGTGGATGGTATGGGAATCTGAGAGTCACCAAGAAGGGAATCCGACTTG
 AAGGTATATCTGAGTTTCTACTACCATTGTATGTGAAAGAAATTCATTCCCGAAAGGACAGTCCATTGGT
 CTTACAGTCTGACAGAAATGTAACAGTGAATGCAAGGAACCATATGGGGCAGCTCACTGGACAGCTGACA
 GTCGGAGCTGAAGCTGTTGAGGCACAGTGCAAAAGATTGCAAGTGAGAGCAAGTGAAGATGGCAGGGTGC
 TGTTTTCTGCAGATGAAGATGAGATCACTATTGGGGCTGAGAAGCTAAAGGTTACAGGAACCTGAAGGAGC
 AGTATTTGGACACTCTGTGGAACACCTCACATCAGAGCAGAGCCATCTCAAGACCTCAGGCTTGAATCA
 CCAACCAGATCCTTGAAATGGAGGCTCCACGTGGGGTCCAGGTGAGCGCAGCTGCAGGTGACTTCAAGG
 CTACCTGCAGGAAGGAGCTGCACTTACAGTCCACAGAAGGGGAGATATTTTAAATGCAGATTCAATCCG
 GCTGGGAAATCTACCAATCGGTTCTTCTTCTTCAACCAGCTCCTCAAATCTCGACAGACAGTGTAT
 GAACTGTGCGTCTGCCCCAATGGCAAACCTACCTTTCTCCAGCTGGGGTAGGCTCCACCTGTCACTCCA
 GTAGTAGCATTGCTTGTGGAAC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_145841


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Insert Size:	936 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_145841.2 , NP_665840.2
RefSeq Size:	2389 bp
RefSeq ORF:	936 bp
Locus ID:	244431
UniProt ID:	Q8BX51
Cytogenetics:	8 A4
Gene Summary:	Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix. May play a role in the maintenance of striated muscle membrane stability.[UniProtKB/Swiss-Prot Function]