

Product datasheet for RN213859

Suclg1 (NM_053752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Suclg1 (NM_053752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Suclg1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213859 representing NM_053752 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGACCGCAGCGGTAGTTGCTGCGGCTGCCACTGCAACCATGGTCTCCGGCAGCAGCGGCCCTTGCCGCC
CCCGCTGCTGCGGCACCTTCCTCCTGCAACAGAATGGAATACGGCACGGGTCTTACACAGCCTCTCG
GAAAAATATCTATATTGATAAAAAATACGAAGTTATTTGCCAGGTTTCACAGGCAAGCAGGTACCTTT
CACAGCCAGCAGGCTTTGGAGTACGGCACCAAACCTCGTGGGAGGAACCACTCCAGGGAAAAGGGGCAAGA
AGCACCTGGGCTTACCTGTCTTTAATACTGTGAAGGAAGCCAAAGAGAAAACAGGAGCGACACTTCTGT
CATTTATGTCCCTCCTCCTTTGCTGCTGCCGCCATCAATGAAGCAATTGACGCAGAGATTCCCTTGGTT
GTGTGCATTACTGAAGGTATTCCGCAGCAGGACATGGTGCGGGTCAAGCACAAGCTGACACGCCAGGGGA
AGACGAGGCTAATTGGGCCAACTGCCCGGTATCATCAACCCTGGAGAATGCAAATCGGCATCATGCC
TGGCCACATTACAAGAAAGGAAGAATAGGTATCGTGTCCAGGTCGGTACTCTGACTTATGAAGCAGTT
CACCAAACAACCAAGTTGGATTGGGGCAGTCCTTGTGTATTGGCATTGGAGGTGACCCTTTAATGGGA
CTAATTTTATTGATTGCCTTGACGTCTTCTGAAGGATCCAGCTACAGAAGGCATCGTACTGATTGGTGA
AATTGGTGGTCACGCTGAAGAAAATGCTGCGGAGTTTCTGAAGGAGCATAACTCAGGTCCAAAGGCAAG
CCTGTAGTGTCTTATTGCTGTTAATACTGCTCCTCCTGGCAGAAGGATGGGCCACGCAGGGGCGATTA
TTGCTGGAGGAAAAGGTGGCGCCAAAGAGAAGATCTCTGCTCTTTCAGAGTGCAGGTTGTAATTGTCAGCAT
GTCCCCGCACAGCTGGGAACCTGCATGTATAAGGAATTTGAAAAGAGGAAGATGCTTTGA

ACGGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053752
Insert Size:	1041 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).
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:	NM_053752.2 , NP_446204.2
RefSeq Size:	1273 bp
RefSeq ORF:	1041 bp
Locus ID:	114597
UniProt ID:	P13086
Cytogenetics:	4q31
Gene Summary:	alpha subunit of succinate-CoA ligase, which catalyzes the conversion of succinate and CoA to succinyl-CoA in the tricarboxylic acid cycle [RGD, Feb 2006]