

Product datasheet for **RN214682**

Sucla2 (NM_001108387) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sucla2 (NM_001108387) Rat Untagged Clone
Tag: Tag Free
Symbol: Sucla2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214682 representing NM_001108387
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCGTCCATGTTCTTCGGCCGGCAGTTGGCCGGCCGCCCTGAGGAGCCACCGGTGCGAGACTA
 CAGTGCAGCCACGGCCAGGCTCTGGGAAGTTCTGGATTGTTTAAACAAGCATGGATTCCAATGCAGCA
 GCAGCAGCAGCAGCAGAGGAGTCTCTACTGCATGAATACTTGAGTATGGAATTACTGCAAGAAGCGGGC
 GTCTCTGTCCCAAAGGCTTCGTTGCAAAGTCATCAGATGAAGCTTATGCAATCGCCAAAAGCTAGGGT
 CAAAGGATGTTGTGATAAAGGCACAGGTTTTAGCTGGCGCAGAGGAAAAGGAACGTTTACAAGTGGCCT
 CAAAGGAGGAGTGAAGATTGTTTTCTCTCCAGAAGAAGCAAAGCTGTTTCTCACAGATGATTGGCAA
 AAATTGATTACCAAGCAAAGTGGAGCAAAGGCGAGAATATGCAATCAAGTTTTGGTCTGTGAGCGAAAAT
 ATCCCAGGAGAGAATACTACTTTGCAATAACAATGGAGAGGTCATTTCAAGGCCCTGTACTGATAGGAAG
 TTCACAAGGTGGGTTAACATTGAAGATGTTGCTGCTGAGAATCCTGAAGCCATTGTAAGGAGCCTGTT
 GATATAATTGAAGGCGTCAAAAAGGAACAAGCTGTGACACTTGCAAAGAAGATGGGATTTCTTCTAACA
 TTGTGGACTCTGCAGCAGAAAACATGATCAAGCTTTATAACCTTTTTCTGAAGTATGACGCAACTATGGT
 AGAAATAAACCCAAATGGTAGAAGATGCTGATGGAAAGGTGTTGTGCATGGATGCAAAGATCAATTTTGAT
 TCAAATTCAGCCTATCGCCAGAAGAAGATCTTTGCTCTTCAGGACTGGAGCCAGGAGGACGAGAGGGACA
 AAGACGCAGCTGATGCAGATATTAATAATTGGCCTCGACGGGAACATAGGATGTCTAGTAAATGGTGC
 TGGCTTGGCTATGGCCACAATGGATATAATAAAGCTACACGGAGGGACTCCAGCCAACTTCTTGATGTT
 GGTGGAGGCGCCACAGTCCATCAAGTAACAGAAGCATTAAACTGATCACTTCAGATAAAAGGTTGCAGG
 CTATTCTGGTCAACATCTTTGGAGGAATCATGAGATGTGATATTATGCACAAGGAATAGTCATGGCAGT
 AAAAGATCTAGAAATTAGAATACCTGTTGTGGTACGGTTACAAGGTACACGAGTTGATGATGCTAAGGCA
 CTAATTGCAGACAGTGGTCTTAAATCTTCTGCTGCGATGATTTGGATGAAGCTGCTAAAATGGTTGTAA
 AGCTCTCTGAAATCGTGACCTTAGCCAAAGAAGCCACGTGGATGTGAAGTTTCAGTTGCCAATA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001108387
Insert Size:	1398 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:	<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:	<u>NM_001108387.2</u> , <u>NP_001101857.2</u>
RefSeq Size:	2125 bp
RefSeq ORF:	1398 bp
Locus ID:	361071
Cytogenetics:	15q11