

Product datasheet for RN209142

Siah2 (NM_134457) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siah2 (NM_134457) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Siah2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209142 representing NM_134457 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCCGCCCGTCTCCACCGGCCAGCGCTAACAAACCCTGCAGCAAGCAGCCGCCCGCCTCAGA
CCCCGCACGCCCGTCCCCGGCTGCGCCCCGGCTGCCGCCACCATCTCGGCTGCGGGCCCCGGCTCGT
CGCGGTGCCCGCCGCGGCAGCGGTGATCTCAGGCCCGCGCGCGGGCCCGGCCAGTGTCCCCG
CAGCACCACGAGCTGACCTCGCTGTTGAGTGCCCGTCTGTTTGGACTATGTCCTGCCCCATTCTGC
AGTGCCAGGCCGGCACCTGGTGTGAACCAATGCCGCCAGAAGTTGAGCTGCTGCCCGAGTGCAGGGG
CGCCCTAACGCCACGATCAGGAACCTGGCTATGGAGAAGGTGCGCTCGGCAGTTCTGTTCCCTGTAAG
TATGCCACCACGGGCTGTTCCCTGACTCTACACCATACAGAGAAACCAGAGCATGAAGACATCTGTGAAT
ACCGTCTTATTCTGTCCCTGTCTGGTGCCTCCTGCAAGTGGCAAGGATCCCTAGAAGCTGTGATGTC
CCATCTCATGCATGCCACAAGAGCATCACTACCCTTCAGGGAGAGGACATAGTCTTTCTAGCTACAGAC
ATTAACCTGCCAGGGCTGTGGACTGGGTGATGATGCAGTCTGTTTGGCCACCACTTCATGCTGGTAC
TCGAGAAGCAAGAGAAGTACGAAGTACCAGCAGTCTTTGCCATCGTCTCCTCATTGGCACCCGCAA
GCAAGCAGAGAACTTTGCCTACAGACTGGAGTTGAATGGGAACCGGAGGAGACTGACCTGGGAGGCCACA
CCCCGGTCCATTCATGATGGTGTGGCTGCAGCCATCATGAACAGTGACTGCCTTGTTTTGGACACAGCCA
TAGCACATCTCTTGCAGATAATGGGAACCTTGAATCAATGTCAATATCTACATGCTGTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_134457
Insert Size:	978 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:	<u>NM_134457.1</u> , <u>NP_604452.1</u>
RefSeq Size:	2048 bp
RefSeq ORF:	978 bp
Locus ID:	140593
UniProt ID:	<u>Q8R4T2</u>
Cytogenetics:	2q26
Gene Summary:	a synaptophysin binding protein and also interact with E2 ubiquitin-conjugating enzyme UbcH8; involved in the regulating the ubiquitination and degradation of synaptophysin [RGD, Feb 2006]