

Product datasheet for **RN215474**

Siah1 (NM_080905) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siah1 (NM_080905) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Siah1
Synonyms:	SIAH; Siah1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN215474 representing NM_080905 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCCGTCAGACTGCTACAGCATTACCCACCGGCACCTCAAAGTGCCACCATCCCAGAGGGTACCTG
CCTTGACTGGCACAACCTGCATCCAACAATGACTTGGCGAGTCTTTTCGAGTGTCTGTCTGCTTTGACTA
TGTATTGCCACCTATTCTTCAGTGTGAGTGGCCATCTGTTTGTAGCAACTGTCGCCCAAACCTTACA
TGTTGTCCCACCTGCCGGGGCCGTTGGGATCCATTTCGCAACTTGCTATGGAGAAAAGTGGCAACTCCG
TACTCTTCCCTTGTAATATGCCTCTTCTGGATGTGAGATAACTCTGCCGCACACCGAAAAGGCAGAGCA
CGAGGAGCTCTGTGAGTTCAGGCCTTACTCCTGCCCTGCCCTGGTGCTTCTGTAAAGTGCAAGGCTCC
TTGGATGCTGTCATGCCCCACCTGATGCATCAGCACAAGTCCATTACCACCCTGCAAGGAGAAGATATAG
TTTTCTTGCTACAGACATTAACCTTCTGGTGTCTTGGACTGGGTGATGATGCAGTCTTGTGTTGGCTT
TCATTTTCATGTTAGTCTTGGAGAAACAAGAAAAATACGATGGCCATCAGCAGTCTTTGCGATTGTACAG
CTGATAGGAACACGCAAGCAAGCTGAAAATTTGCATATCGACTTGAGCTGAATGGTCATAGGCGCGCAT
TGACTTGGGAAGCCACCCTCGGTCTATTCATGAGGGAATTGCAACAGCCATCATGAATAGTGACTGCCT
AGTGTGTTGACACCAGCATTGCACAGCTCTTGCAGAAAATGGCAATTTAGGCATCAATGTAACATTTCC
ATGTGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080905
Insert Size:	849 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_080905.2</u> , <u>NP_543181.2</u>
RefSeq Size:	2105 bp
RefSeq ORF:	849 bp
Locus ID:	140941
UniProt ID:	<u>Q920M9</u>
Cytogenetics:	19p11
Gene Summary:	synaptophysin binding protein and function as E3 ubiquitin-protein ligases to regulate the ubiquitination and degradation of synaptophysin [RGD, Feb 2006]