

Product datasheet for **RR215474**

Siah1 (NM_080905) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siah1 (NM_080905) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Siah1
Synonyms:	SIAH; Siah1a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR215474 representing NM_080905 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGCCGTCAGACTGCTACAGCATTACCCACCGGCACCTCAAAGTGCCACCATCCAGAGGGTACCTG
CCTTGACTGGCACAACCTGCATCCAACAATGACTTGCCGAGTCTTTTCGAGTGCCTGTCTGCTTTGACTA
TGTATTGCCACCTATTCTTCAGTGTGAGAGTGGCCATCTTGTTTGTAGCAACTGTCGCCCAAACCTACA
TGTGTCCACCTGCCGGGGCCGTTGGGATCCATTTCGCAACTTGGCTATGGAGAAAAGTGGCCAACCTCCG
TACTCTTCCCTTGTAATATGCCTCTTCTGGATGTGAGATAACTCTGCCGCACACCGAAAAGGCAGAGCA
CGAGGAGCTCTGTGAGTTCAGGCCTTACTCCTGCCCTGCCCTGGTGCTTCTGTAAAGTGCAAGGCTCC
TTGGATGCTGTCATGCCACCTGATGCATCAGCACAAGTCCATTACCACCTGCAAGGAGAAGATATAG
TTTTCTTGCTACAGACATTAACCTTCTGGTGTCTTGGACTGGGTGATGATGCAGTCTTGTGGCTT
TCATTTTCATGTTAGTCTTGGAGAAACAAGAAAAATACGATGGCCATCAGCAGTCTTTGCGATTGTACAG
CTGATAGGAACACGCAAGCAAGCTGAAAATTTGCATATCGACTTGAGCTGAATGGTCATAGCGCGCGAT
TGACTTGGGAAGCCACCCTCGGTCTATTCATGAGGGAATTGCAACAGCCATCATGAATAGTGACTGCCT
AGTGTTTGACACCAGCATTGCACAGCTCTTGCAGAAAATGGCAATTTAGGCATCAATGTAACATTTCC
ATGTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215474 representing NM_080905
 Red=Cloning site Green=Tags(s)

MSRQTATALPTGTSKCPPSQRVPALTGTTASNNDLASLFECPVCFDYVLPPI LQCQSGHLVCSNCRPKLT
 CCPTCRGPLGSIRNLAMEKVANSVLFPCYASSGCEITLPHTEKAEHEELCEFRPYSCPCPGASCKWQGS
 LDAVMPHLMHQHSITTLQGEDIVFLATDINLPGAVDWMQSCFGFHFMLVLEKQEKYDGHQQFFAIVQ
 LIGTRKQAEAFYRLELNHRRRLTWEATPRSIHEGIATAIMNSDCLVFDT SIAQLFAENGLGINVTIS
 MC

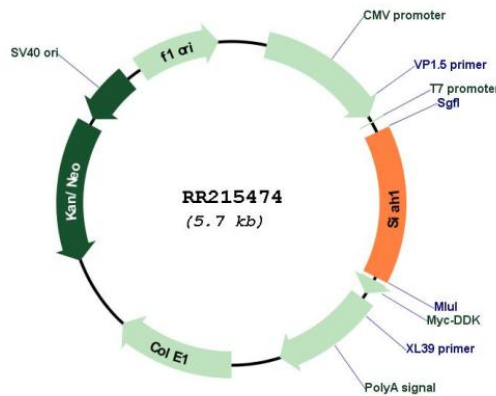
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_080905

ORF Size: 846 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_080905.2 , NP_543181.2
RefSeq Size:	2105 bp
RefSeq ORF:	849 bp
Locus ID:	140941
UniProt ID:	Q920M9
Cytogenetics:	19p11
MW:	31.1 kDa
Gene Summary:	synaptophysin binding protein and function as E3 ubiquitin-protein ligases to regulate the ubiquitination and degradation of synaptophysin [RGD, Feb 2006]