

Product datasheet for **MC205965**

Siah1b (BC052887) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Siah1b (BC052887) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Siah1b
Synonyms:	AA960570; siah-1b; Sinh1b
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052887

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AAGAGGTATCCCGCGCGGAGGTTGAATTCGATCGAGAGACCAGGAACCTCAAATAGTGCCTGGGATCCG
GATGACAGCAGGCATTAAGGGCTGGCTACTGGACTGAAGCTGCTGGAACTTGGGAAGACCAGGTGTACA
CTCAAGACCTAGAATGACCAAGAATGTGGAACCTTAAAAAAGGGTGGCGGCCAGGGTGTCCCATAGGT
CTCCGTGCGACTAGGAGGGGCGAGCGGTGGCGGCGGTGGCAGCGGCAGCAGCGGCAGCGGTGGCAGCGGCA
GCAGCAGCAGCTAGCAACCTGGTCAGGGTACGCTCTCCATCCACAGAGATGAGCCGTGAGCTGTACAG
CATTATCCACTGGCACCTCAAAGTGTCCACCATCCCAGAGGGTACCTGCCTTGACTGACACAACGCATC
CAACAATGACTTGGCGAGTCTTTTGTAGTGTCTGTCTGCTTTGACTATGTGTTGCCACCTATTCTTCAG
TGTCAGAGTGGCCATCTGTTTGTAGCAACTGTCGCCCCAACTTACATGTTGCCACCTGCCGGGGCC
CATTGGGATCCATTGCAACTTGGCTGTGGAGAAAGTGGCCAACCTCAGTACTCTCCCTGTAAATATTC
CGCTTCTGGATGTGAAATAACTCTGCCACACACAAAAAGGCAGAGCACGAGGAGCTGTGTGAGTTCAGG
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CAAGATGGGCATCTTTGTATTAAGAAAGGAAACGTTGTAAAATATTTCTGAACCTTGTATTGTTGTAG
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GTTTTCTTTAAACAGCCATCTACGTGTCATAGCCCACTGTTTTCCCTTGTGAGTCAACACATAGTGCT
GCTGTGGTTTTGGTTTGGTTTGGTTTTGGTTTTGATGTGTGTGATTTGATAATTTTTATTCTAGTTTT
TCATTAATAAAATTTGACTTTTCTGTAAAAA

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Restriction Sites:	RsrII-NotI
ACCN:	BC052887
Insert Size:	849 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC052887</u> , <u>AAH52887</u>
RefSeq Size:	1720 bp
RefSeq ORF:	849 bp
Locus ID:	20438
Cytogenetics:	X 76.11 cM
Gene Summary:	This gene encodes a member of the seven in absentia homolog (Siah) family of E3 ubiquitin ligase enzymes that catalyze the transfer of ubiquitin to substrate proteins. The encoded protein targets Pard3A (partitioning defective 3A) protein for proteasome-mediated degradation during the exit of cerebellar granule neurons from their germinal zone niche. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015]