

Product datasheet for SC317390

SIAH3 (NM_198849) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SIAH3 (NM_198849) Human Untagged Clone
Tag:	Tag Free
Symbol:	SIAH3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317390 representing NM_198849. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTTTTCTTTACCCAGTGCTTTGGGGCTGTATTAGATCTCATTTCATCTCCGGTTTCAGCACTACAAG
GCTAAACGGGTTTTCTCCGCTGCCGGGCAACTGTCTGTGTCTCAACCCACACACAACCTAAAGTAT
GTGTCCAGTCGGCGCGCCGTCCTCAGAGCGCTCCAGAGCAAGGCAGCTTCCACCCTCACCATCTCTCC
CACCACCTGCCACCACCGCCACCACCACCACCTCCGCCACCACGCCACCCCAACCCACCTTACCAC
CAGGAGGCGGGCTGCACGCCAACCCGGTGACGCCCTGCCTGTGCATGTGTCCCTTGTTCCTGCCAG
TGGGAAGGCCGCTGGAGGTGGTGGTGGCCACCTGCCGCAGATCCATAGGGTTGACATCCTCCAGGGA
GCCGAGATCGTCTTCTTGCCACGGACATGCACCTCCCCGCGCCGCTGATTGGATCATCATGCACTCC
TGCCCTGGCCACCACTTTCTGTTGGTGCTGAGGAAACAGGAGAGGCATGAAGGGACCCCAAGTTCTTT
GCCACCATGATGCTGATTGGGACCCCAACCCAGGCGACTGCTTACCTATCGCCTGGAGCTCAACAGA
AACCATCGGCGCTCAAGTGGGAGGCCACGCCCGGTCTGTTCTTGAGTGCCTGGACTCGGTGATTACG
GACGGGGACTGCCTCGTCTCAACACCTCGCTGGCACAGCTTCTCTGACAACGGCAGCCTTGCCATT
GGGATTGCCATCACCAGCAGAGGTCCTCCCCTCAGAAGCTGAAATGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_198849
Insert Size:	810 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_198849.2</u>
RefSeq Size:	4005 bp
RefSeq ORF:	810 bp
Locus ID:	283514
UniProt ID:	<u>Q8IW03</u>
Cytogenetics:	13q14.13
MW:	30.7 kDa
Gene Summary:	Negative regulator of PRKN translocation to damaged mitochondria. Acts probably by destabilizing PINK1 protein, hence inhibiting PRKN targeting to dysfunctional depolarized mitochondria.[UniProtKB/Swiss-Prot Function]