

Product datasheet for RN217463

Supt5h (NM_001107497) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Supt5h (NM_001107497) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Supt5h
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217463 representing NM_001107497 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGACAGCGAAGACAGCAACTTCTCGGAGGAGGAGACAGCGAGCGCAGCAGCGAGGCGGAGGAGG
CCGAGGTAGAGGAAGACCGCGAAGTGCCCGCAGGCAGTAAAAAGAAGAGGAGCCCGAGGAAGAGGAGGA
GGAGGAAGAGGAGGAATACGATGAGGAGGAGGAGGAGGATGATGACCGGCCTCCAAGAAACCACGC
CATGGGGGCTTCATTTTAGATGAGGCTGATGTCGATGATGAATATGAAGATGAAGACAGTGGGAAGATG
GAGCTGAAGATATCCTGGAGAAAAGAGATTGAAGCCTCCAACATTGATAACGTTGTGCTGGATGAAGA
CCGCTCTGGGCTCGTCGCTGCAAAATCTCTGGAGGACCAGAGAGAAGAAGAACTGGCGAGTATTAC
ATGAAGAAATATGCCAAGTCATCTGTGGGAGAGACGGTATATGGAGGGTCTGATGAGCTCTCAGATGACA
TCACCCAGCAGCAGTCTCCCAGGAGTCAAGGACCCCAACCTGTGGACGGTCAAGTGTAAAGATTGGGA
GGAACGGGCCACAGCAATTCCTTGATGCGAAAATTCATCGTTACCAGTTCACAGACACACCCCTGCAG
ATTAAGTCAGTGGTTGCCCGGAGCATGTGAAGGGCTACATCTATGTGGAGGCCTACAAACAGACCCATG
TGAAGCAGGCCATTGAGGGTGTGGCAACCTGCGGCTTGCTACTGGAACCAGCAGATGGTGCCTATTAA
GGAGATGACCGATGTAAGGTGGTGAAGGAGGTGGCCAACCTGAAGCCGAAGTCTGGGTCCGCCTC
AAGAGAGGCATCTACAAAGATGACATCGCTCAGGTGGACTACGTCGAGCCAGCCAGAACACCATTTCCC
TGAAGATGATCCCGCGCATTGACTATGACCGCATCAAAGCCCGCATGAGCTTGAAGACTGGTTGCCAA
AAGGAAGAAGTTCAAGCGGCCTCCACAGAGGCTCTTTGATGCTGAAAAGATCAGGTCTTTGGGGGTGAT
GTTGCCTCTGATGGTGACTTCTCATCTTTGAGGGTAACCGCTACAGCCGGAAGGGCTTCTGTTCAAGA
GTTTTGCCATGTCTGTGATTACAGAAGGTGTAAGGCCACCTGTGAGAGCTGGAAGTGGAGGATGAGGA
TCAGCCTGAGGGCATCGACTTGGAGTGGTGACTGAAAGCACAGGGAAGGAGCGAGAGCACAAATTCAG
CCTGGTGACAATGTGGAGGTGTGTGAGGGTGAGCTCATCAACCTGCAGGGCAAGTCTCAGCCTGGATG
GCAACAAGATCACCATCATGCCCAACATGAGGACCTCAAGGACATGCTTGAGTTCCAGCTCAGGAACT
TCGGAAGTACTTCAAGATGGGAGACCATGTAAAAGTGATTGCTGGCCGATTTGAGGGTGACACAGGTCTC
ATCGTGCGGGTGGAAGAGAACTTTGTTATTCTTTCTCAGACCTCACCATGCACGAGTTGAAAGTCTTC
CCCGGATCTGCAGCTCTGCTCAGAGACAGCCTCAGGTGTGGATGTTGGGGCCAGCATGAGTGGGTGA
GCTGGTGCAGTTGGATCCCGGACTGTAGGTGTCATCGTGGCTGGAGCGAGAGACCTCCAGTTCTC



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AACATGCATGGGAAAGTGGTACTGTAAGGCACCAGGCTGTGACGCAGAAAAAGGACAACCGCTTCGCTG
 TGGCTCTGGACTCAGATCAGAACAACATCCATGTGAAGGACATTGTTAAGGTCATTGATGGCCCCATTC
 AGGCCGAGAGGGTGAGATCCGCCATCTGTACCCGACGTTTGCCTTCTGCATTGCAAGAAGCTGGTGGAG
 AATGGCGGCATGTTTGTCTGTAAGGCACGGCACCTGGTGTGGCTGGGGGCTCAAAGCCCCGGATGTGA
 CCAATTTAACTGTTGGTGGCTTCACTCCTATGAGCCCCGGATCAGCAGCCCTATGCACCCAGTGTCTGA
 AGGTCAGCATGGTGGTTTTGGAAGCCCAGGTGGCATGAGCAGGGTTCGAGGGCGAAGAGACAATGAGCTC
 ATAGGCCAGACTGTGCGTATCTCCAGGGACCCACAAAGGCTACATTGGTGTGGTGAAGGATGCCACGG
 AGTCCACAGCCCGAGTAGAATTGCACTCTACCTGCCAGACCATCTCTGTGGACCCGACGGCTCACAC
 AGTTGACTCCCAGCGTCCAGGTGGCATGACTTCCACCTATGGAAGGACTCCCATGTATGGCTCTCAGACT
 CCCATGTATGGCTCTGGCTCCCGAACACCCATGTATGGCTCCCAGACACCTCTGCAGGATGGTAGCCGCA
 CTCCACATTATGGCTCACAGACACCCCTGCATGATGGTAGCCGCACTCTGCTCAGAGTGGGGCCTGGGA
 TCCCAACAACCCTAACACACCTTCCAGGGCTGAGGAGGAATACGAATATGCCTTTGACGACGAACCCACC
 CCATCCCCACAAGCATATGGGGAAACCCGAATCCCCAAACCCCGCTACCCAGACCCATCATCCCCC
 AGGTCAATCCACAGTACAACCCGACAGACCCGGGACGCCAGCCATGTACAACACAGACCAGTTCTCCCC
 CTACGCTGCCCTCCCCACAGGGTCTTACCAGCCAGCCAGCCCCAGAGCTACCACCAAGTGGCA
 CCAAGTCCAGCGGCTATCAGAACCCATTCCCCAGCCAGCTACCACCAACACCGTACCCATGGCCT
 ATCAGGCTAGTCCAGCCCCAGCCCTGTTGGCTACAGTCCAATGACCCCTGGAGCTCCTTCTCTGGAGG
 CTAACATCCCCACACACCAGGCTCAGGCATTGAGCAGAATCCAGTACTGGGTGACCACTGATATCCAG
 GTGAAGGTTTCGAGACACCTATCTGGACACAAAATAGTGGGGCAGACAGGCGTATCCCGAGTGTACCGG
 GAGGCATGTGCTCCGTGTACCTGAAAGATAGTGAGAAGGTGGTCAATCTCCAGTGAAGCATCTGGAGCC
 CATCCCCCACAAGAACAACAAGGTGAAAGTGATTCTGGGTGAGGACCGAGAGGCTACCGGGTCTCT
 CTGAGTATTGATGGTGAAGATGGCATCATCCGAATGGACCTGGAAGACCAGCAGATCAAGATTCTAAACC
 TCCGCTTCTAGGGAAGCTCTGGAGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001107497
- Insert Size:** 3252 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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.
- RefSeq:** [NM_001107497.2](#), [NP_001100967.2](#)

RefSeq Size: 3568 bp
RefSeq ORF: 3252 bp
Locus ID: 308472
Cytogenetics: 1q21