

Product datasheet for MC209861

Sap30l (NM_001081168) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sap30l (NM_001081168) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sap30l
Synonyms: 2310079P12Rik; AF006998; L55
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209861 representing NM_001081168
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACGGCTTCAGCACAGAGGAGGACAGCCGCGAAGGGCCCCCTGCCGCCCGCCGCCCGCCCGGGCT
ACGGCCAGAGCTGCTGCCTCATCGGGACGGCGAGCGCTGCGTCCGGCCCGGGCAACGCCTCCTTCAG
CAAGAGGGTGCAGAAAAGCATCTCGCAGAAGAACTCAAGCTGGACATAGACAAGAGCGTAAGGCACCTG
TATATCTGCGACTTCACAAAAATTTATCCAGAGCGTCCGAAATAAAAGGAAGAGGAAGCAAGTGACG
ATGGCGGAGACTCCCCGAGCAGATGCTGACATCCCTGAGGTTGATCTGTTCCAGCTGCAGGTGAACAC
GCTCCGACGTTACAAACGGCACTATAAGCTGCAGACCAGACCAGGCTTCAACAAGGCCAGCTAGCAGAG
ACTGTGAGCCGACACTTCAGGAACATACCAGTGAATGAGAAAGAGACGCTTGCTATTTTCATCTACATGG
TGAAGAGTAACAGGAGCAGACTGGACCAGAAGTCAGAGGGCAGCAAGCAGCTTGAG**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001081168
Insert Size: 549 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).



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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_001081168.1, NP_001074637.1</u>
RefSeq Size:	1549 bp
RefSeq ORF:	549 bp
Locus ID:	50724
UniProt ID:	<u>Q5SQF8</u>
Cytogenetics:	11 B1.3
Gene Summary:	Functions as transcription repressor, probably via its interaction with histone deacetylase complexes. Involved in the functional recruitment of the class 1 Sin3-histone deacetylase complex (HDAC) to the nucleolus. Binds DNA, apparently without sequence-specificity, and bends bound double-stranded DNA. Binds phosphoinositol phosphates (phosphoinositol 3-phosphate, phosphoinositol 4-phosphate and phosphoinositol 5-phosphate) via the same basic sequence motif that mediates DNA binding and nuclear import.[UniProtKB/Swiss-Prot Function]