

Product datasheet for MC215571

Sap18b (NM_001142441) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sap18b (NM_001142441) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sap18b
Synonyms:	ENSMUSG00000061104; Gm10094
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215571 representing NM_001142441 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**

ATGCTCGCCGAGGGTTCGGAGGTCAGGGCGAGCGTCTCCGGGCCGAAGGAGGAAGATGGCGGTGGAGT
CGCGCGTTACCCAGGAGGAAATTAAGAAGGAGCCGGAGAAGCCGATCGACCGGAGAAAGACTGCCCGCT
CCTGCTGCGGGTCTTACCACCAACAACGGCCGCCACCACCGAATGGACGAGTTCTCCCGGGGAACGTG
CCTTCGAGCGAGCTGCAGATCTACACCTGGATGGATGCAACCTTGAAAGAACTGACTAGTTTATGTAAGG
AAGTCTACCCAGAAGCCAGAAAGAAGGGCACACACTTCAATTTTGCAATTGTTTTATGGATCTTAAAG
ACCTGGATATCGAGTTAAGGAGATTGGCAGCACCATGTCTGGCAGGAAGGGCACTGATGACTCCATGACC
CTGCAGTCACAGAAGTTCCAAATAGGGGATTATCTGGACATAGCCATCACGCCTCCAATCGGGCGCCGC
CTTCGTCAGGGAGGATGAGACCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001142441
Insert Size:	519 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:	<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_001142441.1, NP_001135913.1</u>
RefSeq Size:	801 bp
RefSeq ORF:	519 bp
Locus ID:	100041953
Cytogenetics:	8 D1
Gene Summary:	This intronless gene is highly similar to the multi-exon Sap18 gene on chromosome 14, whose product functions in transcriptional repression as a component of the Sin3 histone deacetylase complex. This gene may possibly be a Sap18 pseudogene, but it is represented as protein-coding because it appears to be transcribed and has an intact ORF that would result in a protein that is 100% identical to the Sap18 protein. [provided by RefSeq, Dec 2008]