

## Product datasheet for MC223402

### Sap130 (NM\_172965) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sap130 (NM\_172965) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sap130  
**Synonyms:** 2610304F09Rik; 6720406D06  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223402 representing NM\_172965  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGTCCCAGCAGTTTCTCGGTTAGGAACCCCTTCCCCTGGGCTTAGCCAGCCACCTTCACAGATTG  
 CAAGCAGTGGTTCCGCAGGACTGATAAACCAAGTTGCCACAGTTAATGATGAGGCTGGCCGAGATGCTGA  
 TGTGGTACCAGGAGCAGCTGGGCCCTAGCAGCTCCCTGCCGCCCGGAAGAGAAGCAGGAGCCAGTT  
 GTGGTAAGGCCCTATCCACAGGTACAGATGCTGCCTGCACACCATGCTGTGCGCTCAGCCACCCCTGTCG  
 CAGTGACAGCCCCGCCAGCACACCTGACACCAGCAGTACCACTCTCTTTTCGGAAGGACTTATGAAGCC  
 GCCCCGAAGCCTACCATGCCTAGCCGTCCTTGCCTGCTCCCTTCTACCATGTCACCTTCCCCCG  
 AAAGTTCCCGGCAGGTTACTGTTACCATGGAGAGCAGCATCCCTCAAGCTTCAGCCATTCCCGTGGCAA  
 CAATCAGTGGACAACAGGGGCATCCCAGTAACCTGCATCATTATGACCACAAATGTGCAGATGTCCAT  
 AATCCGCAGCAACGCTCCCGGCCCCCACTTACATTGGAGCTTCCCACTTACCTCGAGGTGCAGCTGCT  
 GCCGCTGTGATGCCAGCTCTAAAGTAACTACAGTCTGAGGCCAACTTACAGCTGCCAAATGCTGCTA  
 CGGCGCAGCCAGCAGTACAGCACCTCATTACCCAGCCAATCCAGTCTCGGCCACCTGTGACCACCTCCAG  
 TACAATCCCTCCTGCTGTAGTAGCAACAGTCTCAGCCACCAGAGCGCAGTCTCCTGTCACTACTAGACA  
 GCGGCCACGCGGCTGACTCGACGCTCAGTCGGCCCACTTTATCTATCCAGCATCCACCATCTGCAGCCA  
 TTAGTATCCAGCTCCTGCACAGTCTCGAGATGTGACAACAAGAATCACACTACCTTCTCATCTGCGTT  
 AGGGACTCCGAAACAGCAGCTCCATAAATGGCTCAGAAAACCATCTTTAGTACTGGCACACCAGTGGCT  
 GCAGCTACAGTAGCACCTATTCTGGCAACCAACGCTTCTTCAACAACCACAGCTGGATCTGTGTCGC  
 ACACACAAGTCCCAAGTACAATTGTTACCATGACAATGCCCTCCCATTCATCCCATGCTACTGCTGT  
 GACCACTTCAAATATCCAGTTGCTAAGGTGGTCCCCAGCAGATCACACACACTTCCCTCGGATCCAG  
 CCTGATTACCCTCCAGAGAGGAGTAGCCTGATTCCCATTTCCGGCCATCGGGCTCTCCAATCCAGTGG  
 CCATGGAACCCGAAATGACAACAGACCTTCCGTTCTGTTTCCAGTCCAGTACTTCTTGCCAACTTACCC  
 ACCCTCTGCCTACCCGCTGGCTGCACACACTACACCCCATCACCAGCTCTGTGTCACATATCCGGCAG  
 TACCCAGTTTCTGCTCAAGCCCCAACTCCACCATCACAGCTCAAAGTGGTGGTGTAGCATCTACAG



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TCCACCTGAACCCCATGCAGCTGATGACAGTGGATGCCTCACATGCCCGACATATCCAGGGGATCCAGCC  
 AGCACCCATCAGTACACAGGGAATCCAGCCAGCCCCATTGGGACATCAGGGATCCAGCCAGCACC AATT  
 GGCACCCAGGAAATCCATTCAGCAGCCCAATCAACACTCAGGGGCTTCAGCCAGCAGCAATGGCTAATC  
 AGCAGCCACAGCCTGAGGGGAAAACCTCAGTGGTGTGGCAGATGGAGCTACAATTGTAGCCAACCTAT  
 TAGCAACCCATTCAGTGTCTCCAGCGGCAACCACAGTGGTCCAGACACACAGTCAGAGTGTAGCACC  
 AACACACCAGCCAGGGCTCTTCTCCCCGGCCAGCATACTGCCGAAGAAAACCTGCCACAGATGGGATGG  
 CAGTCCGGAAAACCTCCTCCCTCCTCAGCCTCCTGACGTGGCTACTCCTCGAGTAGAAAAGCTCTATGCC  
 GAGTGCTTCTGGGTCACCTAGACCTGCAGGTGCCAAACCTAAATCCGAAGTGCATGTGTCTATAGCCACT  
 CCAATTACAGTGTCTTGAGACCATATCCAATCAAAATGCCGAACAGCCTACCCTGTGTCCCTCCGA  
 CTGCCAGCAGCCTCCACCGACCATTCCCAGCATGATTGCGGCAGCCAGTCTCCATCCCAACCAGCCAT  
 TGCCCTTTCCACCATTCCCGAGCCGTGCCTGTCACTCCACCCATCACCACCATTGCTGCCACCAACG  
 CTGTCAGCCCCAGTGGCGGCACCTCTCCACGGTCTGGGGCTCCTGTTCTGAGATCAAAGTGAAGG  
 AAGAAGCGGAGCCAGTGGACATCACCAGGCCTGTCTCCACAGTCCCTCCTCTGGCCACCAACACGGTGC  
 TCCATCTCTTGTCTTGTGGCAAGCAACCTGTCCATGCCTCCAAGTGACCTCCCACCTGGTGCCTCCCA  
 AGGAAAAAGCCTCGAAAGCAGCAGCAGTGTCTCGACAGAGGAGGGGATATGATGGAGACAAACAGCA  
 CTGACGATGAGAAGTCCGCTGCCAAGAGTCTCCTGGTAAAGGCTGAGAAGCGCAAGTCTCCTCCCAAGA  
 GTACATTGATGAGGAAGGTGTGAGGTATGTCCCAGTGCAGCCAGACCTCCCATTACTTTGCTACGTAC  
 TATCGAAACCCCTGAAAAGCTGCTTATCACCACCTTTCAGAGGTACAGTGCAGTCCGGGTCAAAGAGGAGA  
 AGAAAGCTATGCTACAGGAAATAGCTAATCAGAAAGGAGTGTCTCTGCCGTGCCAGGGCTGGAAAGTTCA  
 CCTCTGTGCTGCCAGTTACTACAGTGCACAACTAGAACACGACGTTTATGAAAGACTCACCACCTA  
 CAGGAAGGGATTATCCCAAAGAAAAGGCGAGCTGATGACGATCTACATCGAATAAATGAGCTGATAC  
 AGGAAAACATGCAGCGGTGTAACCTAGTGTGACCAAATCAGTGAGCCAGAGACTCTATGCTTAAAGGT  
 TCTGGATCACAAGGACCGGTGCTGAAGCTGCTCAACAAGAACGGGACGGTCAAGAAGGTGTCAAAGTTG  
 AAGCGGAAGGAGAAGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-MluI

**ACCN:**

NM\_172965

**Insert Size:**

3171 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.

**RefSeq:**

NM\_172965.2, NP\_766553.1

**RefSeq Size:**

4015 bp

RefSeq ORF: 3171 bp

Locus ID: 269003

UniProt ID: Q8BIH0

Cytogenetics: 18 B1

**Gene Summary:** Acts as a transcriptional repressor. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes (By similarity).[UniProtKB/Swiss-Prot Function]