

## Product datasheet for MC210475

### Syap1 (NM\_025932) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Syap1 (NM\_025932) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Syap1  
**Synonyms:** 2010110O17Rik; AW011796; BSTA  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210475 representing NM\_025932  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTCCGAGGGTTGAGCAGTTGGCTGGGCTTGAAGCCGCCGAGGGGGCGGGCGGAGGGGAGAAGAGC  
 CTCCCAGCCGGGACGGGACAAGCTGTCCGCGGGAGCCGCGCCTTCTGAGGAGAGCCCGAGCGGCCGT  
 GGAGCCCACTGAGGAGCAGCAGCAGCAGCCGCCGACGGAGACCCACAGTTCCTCCACCAGGCCAAAGGC  
 CTTGGCAATTATTGTATAACTTTGCAAGTGCTGCAACAAAGAAGATAACTGAATCTGTTACAGAAACAG  
 CTCAGACAATCAAGAAATCCGTGGAAGAAGGAAAAATAGATGATATCCTTGACAAGACTATTTTAGGAGA  
 TTTTCAAAAAGAACAGAAAAATTTGTTGAGGAACAGAATACAAAAAGTCAGAAGCAGCTGTGCCTCCG  
 TGGGTTGAGAGTCATGATGAAGAGACAATTCAACAGCAGATTTTGGCTTATCAGCTGACAAGAGGAATT  
 TCCTCCGTGACCCACCAGCTGGTGTGCAGTTTAACTTTGACTTTGATCAGATGTACCCTGTTGCCCTGGT  
 CATGCTCCAAGAGGATGAGCTACTAAGCAAGATGAGATTTGCCCTTGTTCCTAACTTGTGAAGGAAGAA  
 GTATTCTGGAGGAACACTTCTACCGAATCTCCCTGATTAAGCAGTCGGCCCACTCACTGCACTGGCCG  
 CTCAGCAGCAAGCCTCTGGAAGGAGGAAAAAGCAGCAACAGAGATGATAACTTGCCTGACAGAGGC  
 AGTACGGCCAAAAACACCACCTGTCGTAATCAAATCTCAGCTTAAAAGTCAAGAGGATGAAGAGGAAATC  
 TCTACTAGCCAGGAGTTTCTGAGTTTGTAGTGATGCCTTCGATACGTGCAGCTTAAATCAGGAGGATT  
 TAAGAAAGGAAATGGAACAACCTGTGCTTGATAAGAAGCAAGAGGAAGCAACTGCACTAGAAGAAGATTC  
 TACTGATTGGGAAAAGGAGCTACAACAGGAGCTTCAGGAATATGAAGTGGTAGCAGAGTCTGAGAAGCGA  
 GATGAAAACCTGGGATAAAGAAATTGAGAAGATGCTTCAGGAGAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_025932



<b>Insert Size:</b>	1098 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_025932.2</a></u> , <u><a href="#">NP_080208.2</a></u>
<b>RefSeq Size:</b>	2316 bp
<b>RefSeq ORF:</b>	1098 bp
<b>Locus ID:</b>	67043
<b>UniProt ID:</b>	<u><a href="#">Q9D5V6</a></u>
<b>Cytogenetics:</b>	X F4
<b>Gene Summary:</b>	Plays a role in adipocyte differentiation by promoting mTORC2-mediated phosphorylation of AKT1 at 'Ser-473' after growth factor stimulation (PubMed:23300339).[UniProtKB/Swiss-Prot Function]