

## Product datasheet for MC201875

### Sla2 (NM\_029983) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sla2 (NM\_029983) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sla2  
**Synonyms:** A930009E21Rik; AI430952; SLAP-2; SLAP2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC052655 sequence for NM\_029983  
AAGAGGTAATCCGGCCACGCTCTTTGTCCTGCTGTGCTGGTGGGAGGGCCCAACCTGGTTTCTCTGAG  
AAGCAAAGGACTGCTGTACTAGTTTCGTGGAGATTGTCTGCTGACAAAGAAGCTTGATCACAGTACCTCA  
GCCTACTCTGACTCCTTTCTGGTGACCGATCCTCCAGGCTGCTGGGGCCTGAGATGCCGACTACCTTAGG  
ACCTGCAAAGGCCTGACCTGTCGGGTCACTGTGCACATTGGCTGACTACCCTCATCAAACGCTCTGATGGC  
AAACCTTTCCCTTTCCAGGTTCACTGTGCTTGTGAGCGTCTGCTGAGTATGGGAAGTTTGTCCAGCAGA  
GGGAAAACCTCCAGCCCCAGCCCCAGCTCCTCTGGTCCAGACCAGGAACCCGTGTCCATGCAACCAGAAA  
GACGCAAGGTCACAGCTGTGGCCCTGGGCAGTTTCCCAGCAGGTGAACAGGCCAGACTATCTCTGAGACT  
CGGGGAGCCGCTGACCATCATCTCTGAGGATGGAGATTGGTGGACAGTCCAGTCCGAAAGTCTCAGGCAGA  
GAGTACCACATGCCAGTGTGTATGTGGCTAAAGTCGCCACGGGTGGCTGTACGAGGGCCTGAGCCGGG  
AGAAAGCCGAGGAACACTCCTGTTACCTGGGAACCCCGAGGGCCTTCTCATCCGGGAGAGCCAGAC  
CAGGAGAGGCTGCTATTCCCTGTCCGCTCCGACTCAGCCGCTGCATCTTGGGACCGGATCAGACTAC  
AGGATACAGCGTCTTGACAATGGCTGGCTGTACATCTCACCTCGCCTCACCTTCCCTCACTCCACGCT  
TGGTGGAGCATTACTCTGAGCTAGCAGATGGCATCTGCTGTCCCCTCAGGGAGCCGTGTGCTCCTGCAGAA  
GCTTGGGCCACTACCTGGCAAAGATACCTCCACCTGTGACTGTGCAACATCATCACTAAATTGGAAA  
AAGCTGGACCGCAGCCTCCTGTTTCTGGAAGCACCTGCGAGTGGGGAGGCATCTCTGCTCAGTGAGGGC  
TCCGAGAGTCCCTCAGTTCCTACATCAGCCTGGCTGAGGACCCCTTGGATGATGCTTAGCCCTGGAGCAC  
AAAGAGAAAGGGAACCAAGACTGTGGCACCGAGAGCTCCAACCTCCGCTGACCCCTGACAAAGCTCCAGGAG  
GCAAGGCTGGGAGAACAGAGACGGCTGGGGTGGGGCACAGACACTCGGGGCTCACCTGGGCTTTCTGAT  
AAGTCATGTATCTCCTAAGGCCTCACCCCTACCTACTTCTAGTCCATGTGCAGTGCAGTTCAAAGCA  
GGGCTGGCCTCTACAGAGAATAAAATACTTCTGAGGTCTGAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_029983  
**Insert Size:** 780 bp



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<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>	<a href="#">BC052655</a> , <a href="#">AAH52655</a>
<b>RefSeq Size:</b>	1384 bp
<b>RefSeq ORF:</b>	780 bp
<b>Locus ID:</b>	77799
<b>UniProt ID:</b>	<a href="#">Q8R4L0</a>
<b>Cytogenetics:</b>	2 H1
<b>Gene Summary:</b>	<p>Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. May act by linking signaling proteins such as ZAP70 with CBL, leading to a CBL dependent degradation of signaling proteins.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>