

Product datasheet for **MC209409**

Sla (NM_001029841) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sla (NM_001029841) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sla
Synonyms: Slap; Slap-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209409 representing NM_001029841
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGCTCTGCAAGGCTTCGAGTACCTCCACAGCTCAAGGAGAGAAAGAGATGGGAATAGCATGAAATCCA
CATCTCCACCTTCGGAGAGGCCGTTATCCAGCAGTGAGGGACTTGAAAGTGACTTCTGGCTGTGCTGAC
TGACTACCCATCTCCTGACATTAGCCCCCAATATTCCGGAGAGGAGAGAACTGCGTGTATTTCTGAT
GAAGGGGGCTGGTGAAAGCCATTTCTCTCAGCACTGGCCGGGAAAGTTATATCCAGGGATATGTGTGG
CCAGAGTGTACCATGGCTGGCTGTTGAAGGACTGGGCAGGGACAAGGCTGAGGAACTGCTGCAGCTGCC
AGATACAAAGATTGGTAGCTTCATGATTGAGAGAGTGAACAAAGAAAGGTTTCTATTCGCTGTCTGTG
AGACACAGGCAGGTGAAGCATTATCGAATCTTCCGCTTCCCAACAACCTGGTACTACATCTACCAAGGC
TCACCTTCCAATGCCTGGAGGACCTGGTGACTCATTATTCTGAAGTGGCTGATGGTCTATGCTGTGTGCT
CACCACACCCTGTCTGGCACAGAACATACCTGCTCCAACATCCCACCCATCACCTGCACCAGCCCTGGT
TCACCTGTCACCTTGCGCCAGAAGACCTTTGACTGGAAGAGGGTATCCAGATTGCAAGAAGGTTTCAGAGG
GAGCAGAGAACCCTCAGAGTGGACGAATCCCTTTTCAGTATGGTCTTCGGGAAAGCATTGCCTCTTA
CCTGTCCCTGACAGGGGATGACAGCAGCTCCTTCGACCGGAAGAAGAAGAGTCTCTCCCTAATGTACACT
GGCAGCAAACGCAAGAGTTCCTTTTTTTCAGCACCCAGTACTTTGAAGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029841
Insert Size: 894 bp



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| 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_001029841.4</u> , <u>NP_001025012.1</u> |
| RefSeq Size: | 2866 bp |
| RefSeq ORF: | 894 bp |
| Locus ID: | 20491 |
| UniProt ID: | <u>Q60898</u> |
| Cytogenetics: | 15 29.3 cM |
| Gene Summary: | Adapter protein, which negatively regulates T-cell receptor (TCR) signaling. Inhibits T-cell antigen-receptor induced activation of nuclear factor of activated T-cells. Involved in the negative regulation of positive selection and mitosis of 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] Transcript Variant: This variant (1) encodes the longer isoform (a). |