OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC209409 representing NM_001029841
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCTGCAGGCTTCGAGTACCTTCCACAGCTCAAGGAGAGAAAGAGATGGGGAATAGCATGAAATCCA
CATCTCCACCTTCGGAGAGGCCGTTATCCAGCAGTGAGGGACTTGAAAGTGACTTCCTGGCTGTGCTGAC
TGACTACCCATCTCCTGACATTAGCCCCCCAATATTCCGGAGAGGAGAGAAACTGCGTGTAATTTCTGAT
GAAGGGGGCTGGTGGAAAGCCATTTCTCTCAGCACTGGCCGGGAAAGTTATATTCCAGGGATATGTGTGG
CCAGAGTGTACCATGGCTGGCTGTTTGAAGGACTGGGCAGGGACAAGGCTGAGGAACTGCTGCAGCTGCC
AGATACAAAGATTGGTAGCTTCATGATTCGAGAGAGTGAAACAAAGAAAGGTTTCTATTCGCTGTCTGTG
AGACACAGGCAGGTGAAGCATTATCGAATCTTCCGTCTTCCCAACAACTGGTACTACATCTCACCAAGGC
TCACCTTCCAATGCCTGGAGGACCTGGTGACTCATTATTCTGAAGTGGCTGATGGTCTATGCTGTGTGCT
CACCACACCCTGTCTGGCACAGAACATACCTGCTCCAACATCCCACCCATCACCTTGCACCAGCCCTGGT
TCACCTGTCACCTTGCGCCAGAAGACCTTTGACTGGAAGAGGGTATCCAGATTGCAAGAAGGTTCAGAGG
GAGCAGAGAACCCACTCAGAGTGGACGAATCCCTTTTCAGCTATGGTCTTCGGGAAAGCATTGCCTCTTA
CCTGTCCCTGACAGGGGATGACAGCAGCTCCTTCGACCGGAAGAAGAAGAGTCTCTCCCTAATGTACACT
GGCAGCAAACGCAAGAGTTCCTTTTTTTCAGCACCCCAGTACTTTGAAGATTAA

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

View online »

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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:	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_001029841.4, NP_001025012.1
RefSeq Size:	2866 bp
RefSeq ORF:	894 bp
Locus ID:	20491
UniProt ID:	Q60898
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).

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