

Product datasheet for **SC110686**

SLAP2 (SLA2) (NM_175077) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLAP2 (SLA2) (NM_175077) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLAP2
Synonyms:	C20orf156; MARS; SLAP-2; SLAP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110686 sequence for NM_175077 edited (data generated by NextGen Sequencing)

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ATGGGAAGTCTGCCAGCAGAAGAAAATCTCTGCCAAGCCCAAGCTTGAGTTCTCTGTG  
CAAGGCCAGGGACCTGTGACCATGGAAGCAGAGAGAAGCAAGGCCACAGCCGTGGCCCTG  
GGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGTCGCTGAGACTCGGGGAGCCATTGACC  
ATCGTCTCTGAGGATGGAGACTGGTGGACGGTGTCTGAAGTCTCAGGCAGAGAGTAT  
AACATCCCAGCGTCCACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCCTGAGC  
AGGGAGAAAGCAGAGGAAGTCTGTTGTTACCTGGGAACCCTGGAGGGGCCTTCCTCATC  
CGGGAGAGCCAGACCAGGAGAGGCTCTTACTCTCTGTGACTCCGCCTCAGCCGCCCTGCA  
TCCTGGGACCGGATCAGACTACAGGATCCACTGCCTTGACAATGGCTGGCTGTACATC  
TCACCGCGCCTCACCTTCCCTCACTCCAGGCCCTGGTGGACCATTACTCTGAGGGCTGG  
CCCGCTCCCTGGCAAGGATATACCCCTACCTGTGACTGTGCAGAGGACCACTCAACTG  
GAAAGAGCTGGACAGCTCCCTCCTGTTTTCTGA
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Clone variation with respect to NM_175077.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_175077 unedited AAAAGGGGAACCAANCCNAAACCCNNGGGTTCAAATTTGTATCCGACTCATATAGGCG GCCCGGAATCGGCACCAGCTCCAAGGACCCACGCCTGTGTCTCTGTGACAGAGCTCAA GGGCCCTGGGCCCTCCCTCCCTGGCTCGGCTGTGCTTGGGAGGGTCCCCAGTCCAGAAT CCCTAAGGAGCATGGGGCAGCTGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAG ATGCTGAGCTACCCAAACCAACACCTAGCCTCTCCCTGAAGATCCTCCCAGGCTGAGAGA GTTCTGGGTGTCTTAGGACCAAGGACACTGGCAGACTTCCAGAAGGGCCCCAAAGCCCT AACCTGTCCAGCCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCCAAGCCTTTGATGACAA ACCAATTTCCCTCGATGATGTGCTTCTGAGTGCTCTGCTGAGGAACAATGGGAAGTCTGC CCAGCAGAAGAAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCCAAGGCCAGGGAC CTGTGACCATGGAAGCAGAGAGAAGCAAGGCCACAGCCGTGGCCCTGGGCAGTTTCCCGG CAGGTGGCCCCGGCCGAGCTGTCGCTGAGACTCGNGGAGCCATTGACCATCGTCTCTGAG GATGGAGACTGGTGGACGGTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCCAGC GTCCACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCCTGAGCANGGAGAAAGCA NAGAACTGCTGTTGTTACCTGGGAACCTGGAGGGGCCTTCTCATCGGGAGAGCCAGCA CAAGGAGAGCTTACTCTTTGTAGTCCGCCTCACCCCTGCATTCTGGGACCGGATC AGCACTTCGGGATCCCTGCCTGACCAGGGCTGCTG
Restriction Sites:	NotI-NotI
ACCN:	NM_175077
Insert Size:	2500 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:	<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:	NM_175077.1 , NP_778252.1
RefSeq Size:	2447 bp
RefSeq ORF:	633 bp
Locus ID:	84174
UniProt ID:	Q9H6Q3
Cytogenetics:	20q11.23
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

This gene encodes a member of the SLAP family of adapter proteins. The encoded protein may play an important receptor-proximal role in downregulating T and B cell-mediated responses and inhibits antigen receptor-induced calcium mobilization. This protein interacts with Cas-Br-M (murine) ecotropic retroviral transforming sequence c. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2, also known as SLAP-2-v) uses an alternate splice site in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) is shorter and has a distinct C-terminus, compared to isoform a.