

Product datasheet for **SC110685**

SLAP2 (SLA2) (NM_032214) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLAP2 (SLA2) (NM_032214) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLAP2
Synonyms:	C20orf156; MARS; SLAP-2; SLAP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032214, the custom clone sequence may differ by one or more nucleotides

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ATGGGAAGTCTGCCAGCAGAAGAAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCCAAGGCCAGG
GACCTGTGACCATGGAAGCAGAGAGAAGCAAGGCCACAGCCGTGGCCCTGGGCAGTTTCCCGGCAGGTGG
CCCGGCCGAGCTGTCGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACG
GTGCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCCAGCGTCCACGTGGCCAAAGTCTCCCATGGGT
GGCTGTATGAGGGCCTGAGCAGGGAGAAAGCAGAGGAAGTCTGTTGTTACCTGGGAACCCTGGAGGGGC
CTTCTCATCCGGGAGAGCCAGACCAGGAGAGGCTCTTACTCTGTGTCAGTCCGCCTCAGCCGCCCTGCA
TCCTGGGACCGGATCAGACACTACAGGATCCACTGCCTTGACAATGGCTGGCTGTACATCTACCCGCC
TCACCTTCCCCTCACTCCAGGCCCTGGTGGACCATTACTCTGAGCTGGCGGATGACATCTGCTGCCTACT
CAAGGAGCCCTGTGTCCTGCAGAGGGCTGGCCCGCTCCCTGGCAAGGATATACCCCTACCTGTGACTGTG
CAGAGGACACCACTCAACTGGAAGAGCTGGACAGCTCCCTCCTGTTTTCTGAAGCTGCCACAGGGGAGG
AGTCTCTTCTCAGTGAGGGTCTCCGGGAGTCCCTCAGTTCTACATCAGCCTGAATGACGAGGCTGTCTC
TTTGGATGATGCCTAG
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_032214 unedited
 NGGTGTCAAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGAGAGCT
 CCAAGGACCCACGCCTGTGTCTCTGTGACAGAGCTCAAAGGCCCTGGGCCTTCCCTCCC
 TGGCTCGGCTGTGCTTGGGAGGGTTCCCCAGTCCAGAATCCCTAAGGAGCATGGGCAGC
 TGATCCATCCCTGGTGTACAACTGCTGACTGCAGACAGATGCTGAGCTACCCAAACCAA
 CACCTAGCCTCTCCCTGAAGATCCTCCCAGGCTGAGAGAGTTCTGGGTGTCTTAGGACCA
 AGGACTGGCAGACTTCCAGAAGGGCCCCAAAGCCCTAACCTGTCCAGCCAGAGCATG
 CGTCTCAGCAGAGCTGTCTTCCCAAGCCTTTGATGACAAACCAATTTCCCTCGATGATGT
 GCTTCTGAGTGCTGCTGAGGAACAATGGGAAGTCTGCCAGCAGAAAGAAAATCTCTGC
 CAAGCCCAAGCTTGTGTTCTCTGTCCAAGGCCAGGGACCTGTGACCATGGAAGCAGAGA
 GAAGCAAGGCCACAGCCGTGGCCCTGGCAGTTTCCCGCAGGTGGCCCGCCGAGCTGT
 CGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAGGATGGAGACTGGTGGACGGTGC
 TGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCAGCGTCCACGTGGCCAAAGTCTCCC
 ATGGGTGGCTGTATGAAGCCTGAGCAGNAGAAAGCAGAGGAACTGCTGNTGTTACCTG
 NGAACCTGNAGNGCCCTCCTCATCCGNAGAGCCAGACCAGGAGAGGCTCTTACTCTC
 TGTCAAGTCCGCTCAGCCGCCCTGCATNCTGGNACCGNATCAGACACTACAGGATCCAC
 TGNNTGACATGGNCTGCTGACTA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_032214 unedited
 TCTGGCCCGCGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTACATACTTGAA
 TAAATCAAATCTTTAATTGAGAACCTGTTGATGATACCTGATAAAGCCTTTCCACCCCA
 CCTGTAGCTTGGGAACCAGTAGGAGCACTGGAGGGGGTGCCTCCCACCCATCCCTCTTT
 CTTCTCTCCCTGATCCCTTAGCGGATCCAGCAGACCTTTTCTGTTTATGGAGGCAGCA
 GGGAAATCAAGGCTGGATTCCGGTGTAGCTGTGGTCTCCGTCTTGGCATTGTGGAGAGA
 GGGCTTAGCACCTTCTGATGCCCTGCCAGCACTGAGGTGCCTGGCCTCACTGCAGTGT
 GCTAGACTTAAGAGGTGTTATTTTTTATTCGGCCACAAGATGGCAAGGCCAGTGTGCTAG
 GGAATGGTAAGCCACAAAATGAAATAGAGATCTGAGAGCTAGGCTGGGTGCCGTGGCTCA
 CACCTGTAATCCCAGCACTTTGGGAGGCCAAGGTGGGTGGATCACCTGAGGTGAGGAGTT
 CGACACCAGCCTGGCCATGTGGTGAACCCCATGTCTACTAAAAATACAAAAAATTAN
 CCAGGCATGGTGGTGTACGCCTGTAATCCAGCTATTCTGGAGGGTGAGGCAGGAGAANT
 TGTGAAATCCAGGAGATGAGGTTGCAGTGAGCTGAGATCGCGCATTGCACCTCCGCATGG
 GCAACAGGGCAAGACTCCGNTCAAAAAAAGAAAAGAGCTGGGGCTGTTGTCTCATGGG
 GGAACATTGAGACCTAAACCTGTCCAAGTCTTTCTTTTGTCTTGAAGGTACATAGAGCCT
 GGACCATCAAGACTGCTGCTAGGGAAGAATCATTTACGCTTTCCCTTCCCTCTTAGCCAC
 AGTCTACCTTTGAGGGATGGGGGGTCTCACGACACTGGAAATTTTCGAAAAGACTCTTG
 GTGGCCTTAGGGCGTGTCTT

Restriction Sites:

ECoRI-NOT

ACCN:

NM_032214

Insert Size:

2550 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_032214.2 , NP_115590.1
RefSeq Size:	2497 bp
RefSeq ORF:	786 bp
Locus ID:	84174
UniProt ID:	Q9H6Q3
Cytogenetics:	20q11.23
Domains:	SH2, SH3
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).</p>