

Product datasheet for MC211887

Skap1 (NM_001033186) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Skap1 (NM_001033186) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Skap1
Synonyms:	1700091G21Rik; Scap1; Skap-55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211887 representing NM_001033186 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATCGAGGCTGTCGCCCTCCCGGAGGAGATCTGTTGGCTCCTGGAAGATACCGAAGACTTCTGGCAGAAG
GCTTGCAGAAATGAGAACCTCAGCCCTGGGGCACAGGATCAGAGAGCCACATTCTCGGGTTTCCAGCA
AATCAAATCCAGGTACTGTTGGGATTTTCAGCCCCAAGGAGGTGACCTTGGCCAGGACGGCTCTGATGAC
AATCTGAGTGGGACTCACGGCCACCCCTCACGTCAGAAGCATCCTTTTGGTCAGATTATCAGGACGAGG
GAATAGAAGACATCTTAAGAGGGGCTCAAGAGCTGGATAGCGTCATCAAGCAAGGGTACCTGGAGAAGAA
AAGCAAAGATCATAGCTTCTTTGGGTCGGAGTGGCAGAAGCGCTGGTGTGTATCAGCAGAGGGCTCTTC
CTCTACTATGCTAATGAGAAAAGCAAGCAGCCAAAGGGACCTTCTCATTAAAGGGCTACAGTGTCCGGA
TGGCCCTCACCTGCGAAAAGATTCCAAGAAAAGATCCTGCTTTGAACTGATCTCCAGGATAGGCGCAG
CTATGAGTTTACAGCTTCTAGTCCAGCTGAAGCCAGAGACTGGGTGGATCAAATAAGTTTCTTGTAAAA
GATCTTAGCTCCTTAACCATTCCCTTCGAAGAGGAGGAGGAGGAAGAGGAGGAAGAAGAGAAAGAAGAGG
AAGAAATGTACAATGACGTGCGATGGCTTTGACTCCCCAAGGTCTGGCTCCAGTGCAGAGCCATGGCCTT
GCCTGAGCCTACTGAGAAAGAGGAGGACATTTATGAAGTCCTACCAGATGATGATGATCTAGAAGAGGAT
ACATGTGGCGCTCATCGGCGACGAGTGGACTATGCCGATTATTACCAGGGCCTATGGGATTGCCATGGTG
ACCAGCCGGATGAACTGTCTTCCAACGGGGTGACCTCATCCGATTCTGAGCAAGGAGTACAACATGTA
CGGCTGGTGGGTAGGAGAGCTGAACAGCGTCATTGGAATTGTTCCAAAGGACTATCTCACCACCGCCTTT
GAAATGGAAGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2566_e06.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001033186
Insert Size:	1068 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_001033186.3 , NP_001028358.1
RefSeq Size:	2190 bp
RefSeq ORF:	1068 bp
Locus ID:	78473
UniProt ID:	Q3UUV5
Cytogenetics:	11 D
Gene Summary:	<p>Positively regulates T-cell receptor signaling by enhancing the MAP kinase pathway. Required for optimal conjugation between T-cells and antigen-presenting cells by promoting the clustering of integrin ITGAL on the surface of T-cells. May be involved in high affinity immunoglobulin epsilon receptor signaling in mast cells (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and it encodes the longest protein (isoform 1).</p>