

Product datasheet for **SC117793**

SKAP55 (SKAP1) (NM_003726) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKAP55 (SKAP1) (NM_003726) Human Untagged Clone
Tag:	Tag Free
Symbol:	SKAP55
Synonyms:	HEL-S-81p; SCAP1; SKAP55
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC117793 sequence for NM_003726 edited (data generated by NextGen Sequencing)

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ATGCAGCCGCCCTCCCTGAGGAGATCCGTTGGCTCCTGGAAGATGCTGAAGAGTTT
CTGGCAGAAGGTTTTCGGAATGAGAACCCTCAGCGCTGTTGCAAGGATCACAGAGACCAT
ATTCTACGGGGCTTTCAGCAAATCAAAGCCAGGTAATTTGGGATTTTCAGCCCCAAGGG
GGAGACATTGGACAGGACAGCTCTGATGATAATCACAGCGGACTCTTGGCCTGTCCCTC
ACATCCGATGCACCCTTTTGTGAGATTATCAGGATGAGGGAATGGAAGACATCGTAAAA
GGAGCTCAAGAACTTGATAACGTAATCAAGCAAGGATACTTGGAGAAGAAAAGCAAAGAT
CATAGTTTCTTTGGATCGGAGTGGCAGAAGCGATGGTGTGTTGTCAGCAGAGGTCTCTTC
TACTACTATGCTAATGAGAAGAGCAAGCAGCCAAAGGGACCTTCTCATTAAAGGGCTAC
AGTGTACGGATGGCCCCCACCTGCGAAGAGATCCAAGAAAGAATCCTGCTTTGAACTG
ACCTCCCAGGATAGGCGCAGCTATGAGTTTACAGCTACTAGTCCAGCAGAAGCCAGAGAC
TGGGTGGATCAAATAAGTTTCTTGTAAAGGATCTGAGCTCCTTAACATTCCATATGAA
GAGGATGAGGAGGAAGAAGAAAAGAAGAGACATATGATGATATTGATGGTTTTGACTCC
CCAAGTTGTGGTCCCAGTGCAGACCCACTATCTTGCCTGGGAGTGTGGGGATAAAAGAG
CCTACAGAGGAGAAAGAAGAAGATATTTATGAAGTCTTGCCAGATGAAGAGCATGAT
CTAGAAGAGGATGAGAGTGGCACTCGACGAAAAGGAGTAGACTATGCCAGTTACTACCAG
GGCCTATGGGATTGCCATGGTGACCAGCCAGATGAACTGTCTTCCAACGGGGTGACCTC
ATCCGTATTCTGAGCAAGGAGTATAACATGTATGGCTGGTGGGAGGAGAACTGAACAGC
CTCGTTGGGATTGTTCCAAGGAGTATCTCACCCTGCCTTTGAAGTGAAGAAAAGATGA
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Clone variation with respect to NM_003726.3
481 g=>a



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003726 unedited
 NNAACGTTCAAAATTTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACCAGCGAC
 CGCGGCTGAGTACAGGTGCCTCGCGGTGCAGCCGGTTCGCTTCCAGCCCGTCCGCCTCC
 CGACCAGGGCCCGCCCCGTCCTCCCGCTCTCTCCCGCCAGCCAAATGCAGGCCCGCCG
 CTCCTGAGGAGATCCGTTGGCTCCTGGAAGATGCTGAAGAGTTTCTGGCAGAAGTTTG
 CGGAATGAGAACCTCAGCGCTGTTGCAAGGGATCACAGAGACCATATTCTACGGGCTTT
 CAGCAAATCAAAGCCAGGTACTATTGGGATTTTCAGCCCAAGGGGGAGACATTGGACAG
 GACAGCTCTGATGATAATCACAGCGGGACTCTTGGCTGTCCCTCACATCCGATGCACCC
 TTTTGTGAGATTATCAGGATGAGGGAATGGAAGACATCGTAAAAGGAGCTCAAGAACTT
 GATAACGTAATCAAGCAAGGATACTTGGAGAAGAAAAGCAAAGATCATAGTTTCTTTGGA
 TCGGAGTGGCAGAAGCGATGGTGTGTTGTCAGCAGAGGTCTCTTCTACTACTATGCTAAT
 GAGAAGAGCAAGCAGCCAAAGGGACCTTCTCATTAAAGGGCTACAGTGTACGGGATGGC
 CCCCCACCTGCGAAGAGATTCCAAGAAAGAAATCCTGCTTTGAACTGACCTCCANGATAG
 GCGCAGCTATGAGTTTACAGCTACTAGTCCAGCAGAAGCCAGAGACTGGGGTGGATCAAN
 ATAGTTTCTTGGTAAAGGATCTGAGCTCCTTAACCATTCTATGANNAGGATGGAGGAGG
 AAGAAAAAAGAGAGACTNTGATGTNTTTGGGGGGTTTTGACTCCCCAGTTTGTGGTTC
 CCAGTGCAGACCNACTATCTTGCTGGGGAG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_003726 unedited
 ACTCTATGNCCGCGCCGATTCTANAGTCGAGTTTTTTTTTTTTTTTTTTTTCAGGAAAC
 CACATCCCAAGTTTATTTGTGCTTTTCAAACCAGCCAGAACAACCAGTAATGTCCTCCT
 CCCAAGGTTTCTTCTCTCACCTTCTTGTGAAAAGCTTGTGAAAAGGCAGATGTGG
 TTGTGTGGACACATTTAGAGATGGGGATGAGCTATGACTAGGCTGTTTAGTAACAGTT
 TGATGAACGTGCCTTCTCCACTTGTCTTACTGGTAGCTTACAGTCACTCTGAGGTGTCA
 AGAGACTTGGGTCTTTCAGCAAAGAGAGGAGTCCAAGGCGTTGGTGGGGTGGCAGAAGT
 AGGGAGTGGGAACTTTGTATGATCAGTTTCTCATAAAGGCAGGAGAGGGAAGAATAT
 ATTTCTGGGTTTCATCTTTCTCCACTTCAAAGGCAGTGGTGGAGATACTCCTTTGGAAC
 AATCCCAACGAGGCTGTTTCAGTTCTCCACCCACCAGCCATACATGTTATACTCCTTGCT
 CAGAATACGGATGAGGTACCCCGTTGGAAGGACAGTTTCATCTGGCTGGTCCCATGGCA
 ATCCCATAGGCCCTGGTAGTAAGTGGCATAAGTCTACTCCTTTTCGTCGAGTGCCACTCTC
 ATCCTCTTAGATCATGCTCTTCTCATCTGGCAAGACTTCATAAATATCTTCTTCTTTT
 CTCCTCTGTAGGCTCTTTTATCCACACTCCCAGGCAAGATAGTGGGTCTGCACTGGGA
 ACCACAACCTGNGGAGTCAAACCATCAATATCATCATATGTCTTCTTTTCTTCTTCT
 TCCTCATCTTTCATATGGAATGGTTAAGGAGCTCAGATCCTTTNACAGAAACTATT
 TGATCCACCCAGTCTCTGGCTTCTGCTGGACTAGTAGCTGTAACCTCT

Restriction Sites:

NotI-NotI

ACCN:

NM_003726

Insert Size:

1750 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:

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_003726.2](#), [NP_003717.2](#)

RefSeq Size: 1531 bp

RefSeq ORF: 1080 bp

Locus ID: 8631

UniProt ID: [Q86WV1](#)

Cytogenetics: 17q21.32

Domains: SH3, PH

Gene Summary: This gene encodes a T cell adaptor protein, a class of intracellular molecules with modular domains capable of recruiting additional proteins but that exhibit no intrinsic enzymatic activity. The encoded protein contains a unique N-terminal region followed by a PH domain and C-terminal SH3 domain. Along with the adhesion and degranulation-promoting adaptor protein, the encoded protein plays a critical role in inside-out signaling by coupling T-cell antigen receptor stimulation to the activation of integrins. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).