

Product datasheet for **SC324247**

SKAP55 (SKAP1) (NM_001075099) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SKAP55 (SKAP1) (NM_001075099) Human Untagged Clone
Tag:	Tag Free
Symbol:	SKAP55
Synonyms:	HEL-S-81p; SCAP1; SKAP55
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001075099.1
 CGCGGTGCAGCCGGGTCGCCCTCCAGCCCGTCCGCCCTCCCGACCAGGGCCCGCGCCCGT
 CCCGCCTCTCTCCCGCCAGCCAAATGCAGGCCCGCCCTCCCTGAGGAGATCCGTTGG
 CTCCTGGAAGATGCTGAAGAGTTTCTGGCAGAAGGTTTGGCGAATGAGAACCTCAGCGCT
 GTTGCAAGGGATCACAGAGACCATTTCTACGGGGCTTTCAGCAAATCAAAGCCAGGTAC
 TATTGGGATTTTCAGCCCAAGGGGGAGACATTGGACAGGACAGCTCTGATGATAATCAC
 AGCGGGACTCTTGGCCTGTCCCTCACATCCGATGCACCCTTTTTTGTGAGATTATCAGGAT
 GAGGGAATGGAAGACATCGTAAAAGGAGCTCAAGAAGCTGATAACGTAATCAAGCAAGGA
 TACTTGGAGAAGAAAAGCAAAGATCATAGTTTCTTTGGATCGGAGTGGCAGAAGCGATGG
 TGTGTTGTGAGCAGAGGTCTCTTCTACTACTATGCTAATGAGAAGAGCAAGCAGCCAAA
 GGGACCTTCTCATTAAAGGGCTACGGTGTACGGATGGCCCCCACCTGCGAAGAGATTCC
 AAGAAAGAATCCTGCTTTGAACTGACCTCCAGGATAGGCGCAGCTATGAGTTTACAGCT
 ACTAGTCCAGCAGAAGCCAGAGACTGGGTGGATCAAATAAGTTTCTTGTAAAGGATCTG
 AGCTCCTTAACCATTCCATATGAAGAGGATGAGGAGGAAGAAGAAAAGAAGACATAT
 GATGATATTGATGTTTTGACTCCCAAGTTGTGGTTCCAGTGCAGACCCACTATCTTG
 CCTGGGAGTGTGGGGATAAAGAGCCTACAGAGGAGAAAGAAGAAGATATTTATGAA
 GTCTTGCCAGATGAAGAGCATGATCTAGAAGAGGATGAGAGTGGCACTCGACGAAAAGGA
 GACTATGCCAGTTACTACCAGGGCCTATGGGATTGCCATGGTGACCAGCCAGATGAACTG
 TCCTTCCAACGGGGTGACCTCATCCGTATTCTGAGCAAGGAGTATAACATGTATGGCTGG
 TGGGTGGGAGAACTGAACAGCCTCGTTGGGATTGTTCCAAAGGAGTATCTCACCCTGCC
 TTTGAAGTGAAGAAAGATGAAACCCAGGAAATATATTCTTCCCTCTCTCCTGCCTTTAT
 GAGGAACTGATCATCAAAGTTCCCACTCCCTACTTCTGCCACCCCAACGCCTTGG
 ACTCCTCTCTTTGCTGAAGAGACCCAAGTCTCTTGACACCTCAGAGTGACTGTAAGCTAC
 CAGTAAGACAAGTGGGAAGAGGCAGTTTCAACCTGTTACTAAACCGCCTAGTCAT
 AGCTCATCCCATCTCTAAATGTGTCCACACAACCACATCTGCCTTTTCCACAAGCTTTT
 CACAAAGAAGGTGAGAGAGAAGGAAACCTTGGGAGGAGGACATTACTGGTTGTTCTGGCT
 GGTGTTGAAAAGCACAAATAAACTTGGGATGTGGTTCCTTGCCATGAAAAAAAAAAAAAAAA
 AA

Restriction Sites: ECoRI-NOT

ACCN: NM_001075099

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001075099.1](#), [NP_001068567.1](#)

RefSeq Size: 1598 bp

RefSeq ORF: 1077 bp

Locus ID: 8631

UniProt ID: [Q86WV1](#)

Cytogenetics: 17q21.32

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 (2) uses an alternate, in-frame splice site in the coding region, compared to variant 1. The encoded protein (isoform 2) is shorter but has identical N- and C-termini, compared to isoform 1.