

Product datasheet for **MC217934**

SImap (BC021457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SImap (BC021457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	SImap
Synonyms:	KIAA1601, mKIAA1601
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC021457
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGAAAAAGAACAAGAGCTCCAGGCAAAAATCGAAGCTTTGCAAGCTGATAACGACTTCCACCAATG
 AAAGGCTGACAGCTCTGCAAGTACGGTTAGAACACCTGCAGGAGAAAACCCTTAAAGAATGCAGCAGCTT
 AGAGAAGCTGATGGTCCAAGGGCATCTAACCAAAGTGGTAGAAGAATCAAAGCTTCAAAAAGAAAATCAG
 GCAAAAGCAAAGGAATCCGACTTATCAGACACTCTGAGTCCAAGCAAGGAAAAAGCAGCGACGACACTA
 CAGACGCCAGATGGATGAGCAAGACCTAAATGAACCCCTTGCTAAGGTGTCTCTATTAAGATGACTT
 ACAGGGTACCCAGTCAGAACTGAGGCCAAACAAGACATTCAGCATCTTCGCAAAGAATTGGTGGAAGCC
 CAGGAGCTAGCTAGAACAAGTAAACAAAATGCTTTGAACTTCAAGCTCTTTTGAAGAAGAACGAAAAG
 CCTATCGAAATCAAGTTGAAGAATCAGTAAACAATACAGGTTCTTCAAGTCCAGTGCAGAAGTTACA
 CATGGACATGGAGAATCTCCAGGAGAAAAGGACACGGAATCTCCAGCACAAGAGATAAATTGCTTAGT
 GCCAAGATGAGATTTTGCCTTCGTCAAGCAGCAGCAGAGGCTGTGTCTGAGCGGACTGACTTTG
 TTTCTTTGCAAGAAGAGCTTAAGAAGGTGAGAGCGGAGCTTGAGGGCTGGAGAAAAGCAGCGTCTGAATA
 CGAATGAAATCAGAAGTCTGCAGAGCAGCTTCCAGCTTAGATGTCAGCAGTGTGAAGACCAGCAAAGG
 GAGGAGGCAACAAGTTGCAAGGTGAGCTGGAGAAGTTGAAGAAGGAGTGGGATGTACTGAAAACGGAAT
 GCCATTCTCAAAAAGGAGAACGTGTTGTTGTCTTCAGAACTGCAGCGACAAGAAAAGAAATTGCACAA
 TTCTCAGAAGCAGAGTTTGAAGTACAGAGTACCTCAGCATCTTCAGATGACTAGGAAAGAGCTGGAG
 AAGCAAGTGGGATCCTTGAAGAACAACACCTTCGGGATGCAGCTGACCTAAAACTCTCCTCAGTAAGG
 CTGAAAACCAAGCAAAGGATGTACAGAAAGATGAAAAGACACAGACTGTTCTCAGAACTGAAGTT
 GAAGTTTGAAGTACTGAGCAGGAAAAGCAATCAATCACAGATGAGCTCAAACAGTGTAAAGACAACCTG
 AAGCTGTGCGAGAGAAAAGGAAATAATAAACCTGGCCCTGGATGCCCATGTTGGCGGCCCTGGTTGCGG
 TGACAGCTATGGTGTGTATGTACCAGGTCTGGCCAGAGCTTCTCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC021457

Insert Size: 1380 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: [BC021457](#), [AAH21457](#)
RefSeq Size: 3288 bp
RefSeq ORF: 1379 bp
Locus ID: 83997
Cytogenetics: 14 A3
Gene Summary: May play a role during myoblast fusion.[UniProtKB/Swiss-Prot Function]