

Product datasheet for **MC214507**

Scimp (NM_001045526) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scimp (NM_001045526) Mouse Untagged Clone
Tag: Tag Free
Symbol: Scimp
Synonyms: A430084P05Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214507 representing NM_001045526
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGAGTTGGTGGAGGGACAACCTCTGGATCATCTTAGCTATGTCCATCATCTTCATCTCCCTGGTCCTGG
GTCTCATCTGTACTGTGTCTGCAGGTGGCAGCTTAGACAAGGCAGGAAGCTGGGAAATTGCTAAGCCCTC
AAAACAGGATGGAAGAGATGAAGAAAAGATGTATGAGAATGTTCTTAATTCCTCACCAGGCCAGTTACCT
GCTCTGCCACCCAGGGGTTACCTTTCCAGGAGACCTAGCCCCACAGGAAGCTCCAAGACAACCCCTCAG
CTTGTTACTCATCAGTGAAGAAAGTTAGGAACAAGAAGGTCTTTGCTATCTCGGGCTCCACCGAGCCAGA
AAATGATTATGATGATGTTGAGATTCCAGCAACCACCGAAACCCAGCACTCTAAAACCACACCTTTTGG
CAAGCTGAAGTGGGTTTACACAGCTCGTTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001045526
Insert Size: 453 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).



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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:	<u>NM_001045526.2</u> , <u>NP_001038991.1</u>
RefSeq Size:	1055 bp
RefSeq ORF:	453 bp
Locus ID:	327957
UniProt ID:	<u>Q3UU41</u>
Cytogenetics:	11 B3
Gene Summary:	Lipid tetraspanin-associated transmembrane adapter/mediator involved in major histocompatibility complex class II (MHC-II) signaling transduction. Required in generating the calcium response and enhancing ERK activity upon MHC-II stimulation (By similarity). [UniProtKB/Swiss-Prot Function]