

## Product datasheet for **MC221916**

### Scarf1 (NM\_001004157) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf1 (NM_001004157) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scarf1
Synonyms:	AA986099; mKIAA0149; SREC; SREC-I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221916 representing NM\_001004157  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGGCCGCCATGGGACTAGAGCTGGTGTCTCACTGTTGCTGCTCTGGACTCAGGGACCCAGGGAT  
 CCACGCTAGACCTGCTGGTCAGCACGTCTGTAAGGCAGCAGCCCTCTGAGCTCCAGTGTGTCCCGG  
 CTGGAGGCAGAAAGATCAAGAATGCACCATCCCATCTGTGAGGGGCTGATGCCTGCAGAAAGAGAG  
 GTGTGCGTGAAGCCGGGCTCTGTCCGTGTAACCTGGATTCTTCGGAGCCAGTGCAGCTCCCGTGTG  
 CAGGACAGTACTGGGCCACGACTGTCGTGAGACCTGCCCTGTCATCCACGTGGCCAGTGCACACCGGC  
 CACGGGTGATTGCCAATGCCAGCCTAACTACTGGGGCAGGCTCTGTGAGTCCCTGCACCTGCGGCCCC  
 CACGGACAGTGCACCCAAAGACAGGCTTGTGCCACTGTACCCTGGCTGGTGGTACCCACGTGTCGT  
 GCCCATGCCAGTGAACCCAGCCTCACGCTGTACCAGGCCACTGGAACCTGTGTATGCCCGCCGGGCTG  
 GTGGGGCCGGCTGCAGCTTCACTTGAACCTGCCACACCTCGCCCTGCATGCAGGACTCCGGCCGCTGC  
 GTCTGCCTGCCGGCTGGTGGGGTCCGGAGTGCAGTCTGAAGTGCAGTGTGTGCCAGGCAATGCAGCG  
 TTACTTCTGGCCACTGTTCTGCCCTCCTGGCTTCCATGGAATCCGCTGTGAGCTGCCTTCAACCCCTGG  
 CCACTATGGGGCACAGTGCAAAGAAAGCTGTGGCCACTGTGAGCTGAATGCCACATGCTCTCCAGTCAAC  
 GGCAACTGTGAGTCTGCAAGCCAGGCTGGAACGGTACTCAGTGCACAGCCATGTCTGCAGGCACCT  
 TTGGTGAGAGGTGCACTGGGCAGTGCACCCGCTGCCGGCTTGGGGAGCCCTGTCAAGCGGAAACTGGGCA  
 CTGCCAGCACTGCACCCCGTTGGCTGGGGCACAGGTGTGAGAACCTTGTCCCTTGGCACCTTTGGG  
 AAGGGCTGCAGCTCAACCTGCCCTGCCTGTGCTCAGGGGACTTGCATGCCGTGACTGGGGAATGTGTCT  
 GCAGTGTGGCTACTGGGGGACCACTGCAACAGTTCTGCCAGCTGGTTCACCGAAACAATGCTCTC  
 TATGCCCTGCCAATGCCAGAGGGGCTCTGCCACCCTGTGTCTGGGACCTGCCAGCTGGGCCGTCATGGT  
 AAGAACGCCCTCATTGTGGGCATCCTGGTACCTCTGCTGCTCCTCATGGGCATCGTCTGCTGTGCCCT  
 ACTGCTGCTCAGGAACCCGACTGGACCCCAAGGACAGGCCTGAGAGAAATGGGGTGCCTTTTTTCAGAA  
 GAAGCAGCAGGTATGGGGGGCCCTCACCAACTTGGGCTCGGCACTGCCCTGTGGTCCCTCAGTAACTAC  
 AAGCTACCCTGGGTGACAGTTTCTCATCACGATCCAGAGGTCCCCTTCAACCATAGCTTTCAGAGCCCC  
 CCTCTGCCGGCTGGCCCTCTGACGACTCCTTCTCTTCTGATCCTGACTCTGGAGAAGAGGACGAAGCTCA  
 TGCTACTTCGTGCCCTCGAGAAGAGATGGTCCCTATGGCCCAAGAAGAGTACCAGAAGCCAGCCTT  
 CCTGGAGGCTCCTTCCCTCCCCCTGAGGATGCCCTCCACACCATCCCCATTCCACGTACCTCCAGCCTGG  
 CTAGGGCCAAGAGGCCATCCGTCTCTTTGCTGAAGGCACGAAGTTTGCACCACAGAATGGCCGAAGCTC  
 TGGGGATCTCTCCAGCCCATACGAAAACCAAGAGACTCTCCAGAGGTGCTCAACCCCGTCTGAAAGGG  
 CAGGAGGCGGAGGAGTCTACAGGCCAGAGCAAGTGAACACAGAGGAGGATGCTCCTACGGCCACAAGCT  
 CTGGAGATCCTGCCACTAGTACGGCCAACTTCCACCTGGTAGCCAGATGGTAGCTGAGTGTGGGAGAC  
 CACTGATGGAGGCATCCAGGAGAGCTCAGGATCTGTGGCCACTATCTATATGCTGGCAGGGACACCTCAG  
 AAACCTGAGGGTCTGTCTGGTCTGTCTTTCGTGTTGGGAACTACCAGAAAGATCAGATGGATCCCA  
 AAGTAAAGAGTGCTATCCCTAAGCCTCTGCGCCGATCTCTGGGTCGGAACAGGCCAGCGCTGGCTCAGC  
 TCCAGGTGCTGTCTCTCCAGGCCATGGAGTCCACCGCAGTTAGACCAGAGGAAACCCAGAGGTTCTG  
 GGAGATGGCATTGAGAGCTCAGGGACTGTCCAGGAGCCAGACGCTGGAGGCAAGTTCCCTGGAACAGGATT  
 CCCAGAAGCAGGCGAAGAGAAGGAGCAAGAGGAGCCCTGTATGAGAATGTTGTGCCATGTCCGTGCC  
 GCCACAGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001004157  
**Insert Size:** 2463 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001004157.2</a></u> , <u><a href="#">NP_001004157.2</a></u>
<b>RefSeq Size:</b>	2884 bp
<b>RefSeq ORF:</b>	2463 bp
<b>Locus ID:</b>	380713
<b>UniProt ID:</b>	<u><a href="#">Q5ND28</a></u>
<b>Cytogenetics:</b>	11 B5
<b>Gene Summary:</b>	Mediates the binding and degradation of acetylated low density lipoprotein (Ac-LDL). Mediates heterophilic interactions, suggesting a function as adhesion protein (By similarity). Plays a role in the regulation of neurite-like outgrowth.[UniProtKB/Swiss-Prot Function]