

Product datasheet for **MC221963**

Scarf2 (NM_153790) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf2 (NM_153790) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Scarf2
Synonyms:	NSR1; Scatf1; SREC-II; Srec2; Srecll; SRECRP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221963 representing NM_153790
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGCGCAGGGTCCCGGGGGCGGGCCGGCGCGCCAGGGAGCCGAGGGCTGGGACTGCTGC
 TGTGCTCTGGCTGCTGCCCGTCTCGCGCGCCAGGACTTGAACCCGCGAGGCCGAACGTGTGCCG
 CACGCCCGGTTCCAGGTGCTCACGTGTTGCGCTGGCTGGAGGCAGCTGGGGATGAGTGTGGGATAGCG
 GTGTGCGAAGGCAATTCACGTGCTCAGAAAACGAGGTGTGCGTGCAGCCAGGCAATGCCGCTGCCGAC
 ATGGCTACTTTGGTGCCAACTGCGACACAAAGTCCCGCGCCAGTTCTGGGGCCCTGACTGCAAGGAGAG
 GTGCAGTTGCCACCCGACGACAGTGCAGGACGTGACCGACAGTGTACGTGTACGCGCGCCGCTGG
 GGTGCGCGCTGCGAGCATGCTTGCCAATGCCAGCATGGCAGTGCACCCCGGAGCGCGCGTGGCCGT
 GCGAGCCGGGCTGGTGGGTGCGCAATGCGCTAGCGCTTGCTATTGCAGCGCTACTTCCCGGTGCGATCC
 ACAGACAGGCGCCTGCCTGTGCCAGTAGGCTGGTGGGGCCGAGCTGTAAACACAGTGGCCCTGCAAC
 TCGTCGCCCTGCGAGCAGAGTGGCCGCTGCCAGTGTGCGAGCGCATGTTTGGCGCCCGCTGTGATC
 GCTATTGCCAGTGTCTCACGGTCGCTGCCACCCGGTGGACGGCACGTGTGCCTGCGATCCTGGCTACCG
 GGGCAAGTATTGTGCGAGCCATGCCCGCTGGATTCTATGGCCCGGGTGTGCGCGTGGTGTGGCCAA
 TGCAAAGGCCAGCAGCCGTGCACGGTAGTCGAAGGCCGTGTCTGACATGCGAGCCCGGCTGGAACGGAA
 CCAATGTGACCAACCTGCGCCACCGTTTCTACGGCGAAGGTTGTGGCCACCGCTGCCACCCCTGCCG
 CGACGGGCATGCCTGCAACCATGCACCGCAAGTGTACGCACTGCAATGCGGGCTGGATCGCGGACCGG
 TGCGAGACTAAGTGCAGTAATGGCACTTACGGTGAAGTGTGCCTTCGTGTGCTGCTGATTGCGGCAAGC
 GCCACTGTGACTTCCAGTCCGGCGCTGCCTTTGCAAGCCCTGGTGTTCACGGACCTCACTGTAATGTAAC
 TTGCCCGGCCGGCTCCACGGCTGGACTGCGCCAGGCCCTGCAGCTGTACAGGAATCATGCGACCCG
 GTCACCGGTGCTGCCACCTGGAGACCAATCAGCGCAAAGGTGTGATGGCGCGGGCGCTGTGCTACGC
 TGCTCCTCGCGCTGTGCTCTCGCTGCTCGGTTGTGCTGCGCCTGCCGGGGCAAGGACTCGGCGCGCCG
 GGAGCTCACCTTGAAGGAAGAAGGCCCTCAACGTTTTTGTGGAAGCTTACGCCGATCAGCATGAAG
 CTGCCCGAATCCCGCTTCGAGGCAGAAAGTGCACAAAGTCGTAGTGGCCATCATGACCTAGACAACA
 CACTCAACTGCAGTTTTCTGGACCCACCCTCAGGGCTGGAGCAGCCCTCCATCATGGTCTCCAGGGC
 CTCCTTCTCATATTGACACCACAGATGAAGGCCCTGTGACTGTGTGCCCCACGAGGAAGCGACTGCC
 GACAGCCGAGACTGGAAGCGACTGCCGCTCTCACTGAGGTGGCCGCTGTGTCCTTAGAGCCACGGGCA
 CCTCGACGCCCGGGAGGAGGCAGCGGTCTCCCTGCATCCTCAGACAGCGAGCGCTCCGATCAAGCGT
 GGAGGGGCGGAGCGGGCGCTGTACGCGCTGTGGCCCGCGGAGGCCCGGGCCGGCCGACCCGAAAT
 GAGGCTGGGGCTTGTCACTGTCCCATCGCCGAGCGCAGGAAGCCGCCACCACAGACCTGCCACCA
 AGCCTAAGGTGTCTGGATCCACGGCAAGCACAGCGCCGCTGCCGCTGCACCGTGCCTCCGCTGCAGG
 CCGCAAGGCTGCGCCGAGCCCTAGCGGGAGGAAACGGACCCCAAGCAACTCGTGGTGCAGCCCCCGGA
 CTGACCGAGGAGCCCCCGGCCGGCTTACCCACGCCACCCCGCGCCGAGCGCGGGCCGCGGCTGG
 GGCTCTCGGAGCCAACGGACGCGGGAGGTCCCCCGCGCAGCGCCCGAGGCCCTCTATGCTGGCAGC
 TGAGCTGCGCGACAAGACTCGCAGCTTAGCCCGCGCCGAGAAGCCCGCCGCGCAGAAGGCCAAGCGC
 TCCGTGCTCCCCCGCGACGGTCCGCACAGCCTCGGCGTCCGAGGCTCGGGGTGAGAAAGCGCGCG
 CCAGCGCACCTGCGCCGAGACCCTCGGAAGAAAACCCCATCCAGAAACCGCCTCGGAAGAAGAGCAG
 GGAGGCAGCGGGGAGCCGAGTAGGGCGGGCACGGCCCCGAGCTTCC**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_153790
Insert Size: 2502 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:	<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:	NM_153790.3 , NP_722485.1
RefSeq Size:	3356 bp
RefSeq ORF:	2502 bp
Locus ID:	224024
UniProt ID:	P59222
Cytogenetics:	16 A3
Gene Summary:	Probable adhesion protein, which mediates homophilic and heterophilic interactions. In contrast to SCARF1, it poorly mediates the binding and degradation of acetylated low density lipoprotein (Ac-LDL).[UniProtKB/Swiss-Prot Function]