

## Product datasheet for **MG207598**

### Scarf1 (BC080288) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf1 (BC080288) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Scarf1
Synonyms:	SREC, SREC-I, mKIAA0149
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207598 representing BC080288  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGACTAGAGCTGGTGTCTCACTGTTGCTGCTCTGGACTCAGGGGACCCAGGGATCCACGCTAGACC  
 CTGCTGGTCAGCAGTCTGTAAAGGCAGCAGCCCTCTGAGCTCCAGTGTGTCCCGGCTGGAGGCAGAA  
 AGATCAAGAATGCACCATCCCCATCTGTGAGGGCCTGATGCCTGCAGGAAAGAAGAGGTCTGCGTGAAG  
 CCGGGCCTCTGTCGGTGTAAACCTGGATTCTTCGGAGCCAGTGCAGCTCCCGCTGTCCAGGACAGTACT  
 GGGGCCACGACTGTCGTGAGACCTGCCCTGTCATCCACGTGGCCAGTGCGAACCGGCCACGGGTGATTG  
 CCAATGCCAGCCTAACTACTGGGCAGGCTCTGTGAGTTCCTGCACCTGCGGCCCCACGGACAGTGC  
 GACCCAAAGACAGGCTTGTGCCACTGTGACCCTGGCTGGTGGTCAACACGTGTCGTGCCCCATGCCAGT  
 GCAACCCAGCCTCAGCTGTGACCAGGCCACTGGAACCTGTGTATGCCCGCCGGGCTGGTGGGGCCGCC  
 CTGCAGCTTCAGTTGCAACTGCCACACCTGCCCTGCATGCAGGACTCCGGCCGCTGCGTCTGCCTGCCG  
 GGCTGGTGGGGTCCGGAGTGCAGTCGTAAGTGCCAGTGTGTGCGAGGCCAATGCAGCGTTACTTCTGGCC  
 ACTGTTCTGCCCTCCTGGCTTCCATGGAATCCGCTGTGAGCTGCCTTGAACCCCTGGCCACTATGGGGC  
 ACAGTGCAAAGAAAGCTGTGGCCACTGTGAGCTGAATGCCACATGCTCTCCAGTACCCGCAACTGTGAG  
 TCCTGCAAGCCAGGCTGGAACGGTACTCAGTCAAAGCAGCCATGTCTGCAGGCACCTTTGGTGAGAGGT  
 GCACTGGGCAGTGCCTCCGCTGCCGGCTGGGGAGCCCTGTCAAGCGGAAACTGGGCACTGCCAGCACTG  
 CGACCCCGGTTGGCTGGGGCACAGGTGTGAGAACCTTGTCCCTTGGCACCTTTGGGAAGGGCTGCAGC  
 TCAACCTGCCCTGCCTGTGCTCAGGGGACTTGCATGCCGTGGTGGGGAATGTGTCTGCAGTCTGGCT  
 ACTGGGGACCAGCTGCAACAGTTCCTGCCAGCTGGCTTCCACGGAAACAACCTGCTATGCCCTGCCA  
 ATGCCAGAGGGGCTCTGCCACCCTGTGTCTGGGACCTGCCAGCTGGGCGGTCATGGTAAGAAGCCCTC  
 ATTGTGGGCATCCTGGTACCTCTGCTGCTCCTCATGGGCATCGTCTGCTGTGCTACTGCTGCTCAG  
 GAACCCGACTGGACCCCAAGGACAGAGATGGTCCCTATGGCCCAAGAAGAGTACCAGAAGCCAGCCTTC  
 CTGGAGGCTCCTTCCCTCCCC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207598 representing BC080288  
 Red=Cloning site Green=Tags(s)

MGLELVFSLLLLWTQGTQGSTLDPAGQHVCKGSSPSELQCCPGWRQKDQECTIPICEGPDACRKEEVCVK  
 PGLCRCKPGFFGAQCSSRCPGQYWGHDCRETCPCHPRGQCEPATGDCQCQPNYWGRLCEFPCTCGPHGQC  
 DPKTGLCHCDPGWWSPTCRRPCQCNPASRCDQATGTCVCPGWGRRCSFSCNCHTSPCMQDSGRVCVCLP  
 GWWGPECSRKCQCVRGQCSVTSGHCSCPPGFHGI RCELPCNPGHYGAQCKESCCHCELNATCSPVTGNCE  
 SCKPGWNGTQCKQPCPAGTFGERCTGQCPRCLGEPQAE TGHCQHCDPGWLGHRCENPCPLGTFGKGCS  
 STCPACAQGTCDAVTGECVCSAGYWGTSNSSCPAGFHGNCSMPCQCPEGLCHPVSGTCQLGRHGKNAL  
 IVGILVPLLLLLMGIVCCAYCCSGTRLDPKDRDGPYPRRVTRSQPSWRLLPSP

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



**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:** [BC080288](#), [AAH80288](#)

**RefSeq Size:** 2626 bp

**RefSeq ORF:** 1424 bp

**Locus ID:** 380713

**Cytogenetics:** 11 B5

**Gene Summary:** 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]