

Product datasheet for **MG215380**

Scarf1 (NM_001004157) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf1 (NM_001004157) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Scarf1
Synonyms:	AA986099; mKIAA0149; SREC; SREC-I
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG215380 representing NM_001004157
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCCGCCATGGGACTAGAGCTGGTGTCTCACTGTTGCTGCTCTGGACTCAGGGACCCAGGGAT
 CCACGCTAGACCCTGCTGGTCAGCACGTCTGTAAGGCAGCAGCCCTCTGAGCTCCAGTGTGTCCCGG
 CTGGAGGCAGAAAGATCAAGAATGCACCATCCCCATCTGTGAGGGGCTGATGCCTGCAGAAAGAGAG
 GTGTGCGTGAAGCCGGGCTCTGTGCGTGTAAACCTGGATTCTTCGGAGCCAGTGCAGCTCCCGTGTG
 CAGGACAGTACTGGGCCACGACTGTCGTGAGACCTGCCCTGTCATCCACGTGGCCAGTGCGAACCGGC
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 GCCATGCCAGTGAACCCAGCCTCACGCTGTACCAGGCCACTGGAACCTGTGTATGCCCGCCGGGCTG
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 GTCTGCCTGCCGGCTGGTGGGGTCCGGAGTGCAGTCTAAGTGCCAGTGTGTGCCGAGGCCAATGCAGCG
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 CCACTATGGGGCACAGTGCAAAGAAAGCTGTGGCCACTGTGAGCTGAATGCCACATGCTCTCCAGTCAAC
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 GGAGATGGCATTGAGAGCTCAGGGACTGTCCAGGAGCCAGACGCTGGAGGCAAGTTCCCTGGAACAGGATT
 CCCAGAAGCAGGCGAAGAGAAGGAGCAAGAGGAGCCCTGTATGAGAATGTTGTGCCATGTCCGTGCC
 GCCACAGCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215380 representing NM_001004157
 Red=Cloning site Green=Tags(s)

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MLAAMGLELVFSLLLLWTQGTQGSTLDPAGQHVCKGSSPSELQCCPGWRQKDQECTIPICEGPDACRKEE
VCVKPGLCRCKPGFFGAQCSSRCPGQYWGHDCRETCPCHPRGQCEPATGDCQCQPNYWGRLCEFPCTCGP
HGQCDPKTGLCHCDPGWWSPTCRRPCQCNPASRCDQATGTCVCPGWWRRCFSFSCNCHTSPCMQDSGRC
VCLPGWGWPECSRKCQCVRGQCSVTSGHCSCPPGFHGIRCELP CNPGHYGAQCKESCGHCELNATCSPVT
GNCE SCKPGWNGTQCKQPCPAGTFGERCTGQCPRCRLGEPQAE TGHCQHCDPGWLGHRCENPCPLGTFG
KGC SSTCPACAQGTCDAVTGECVCSAGYWGTSCNSSCPAGFHGNNCSMPCQCPEGLCHPVSGTCQLGRHG
KNALIVGILVPLLLLLMGIVCCAYCCSGTRLDPKDRPERNGAAFFRMKQQVWGALTNLGSALPCGSLSNY
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QEAEESTGPEQVNT EEDAPTATSSGDPATSHGQLPPGSQMV AEAETTDGGIQESSGSVATIYMLAGTPQ
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GDGIESSGTVQEPDAGGSSLEQDSQKQAE EKEQE EPL YENVVPM SVPPQH
  
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TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul

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: [NM_001004157.2](#), [NP_001004157.2](#)

RefSeq Size: 2884 bp

RefSeq ORF: 2463 bp

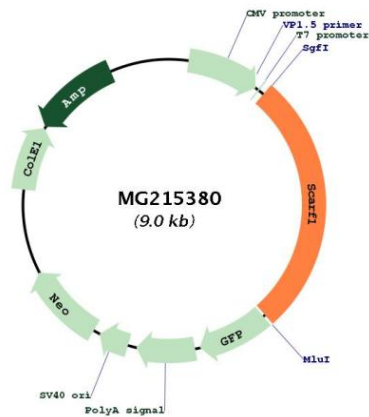
Locus ID: 380713

UniProt ID: [Q5ND28](#)

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]

Product images:



Circular map for MG215380