

Product datasheet for **MR220633**

Scarf2 (NM_153790) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf2 (NM_153790) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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)



[View online »](#)

ORF Nucleotide Sequence:

>MR220633 representing NM_153790
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGGCGCAGGGTCCCGGGGGCGGGCCGGCGCGGCCAGGGAGCCGAGGGCTGGGACTGCTGC
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Protein Sequence: >MR220633 representing NM_153790
Red=Cloning site Green=Tags(s)

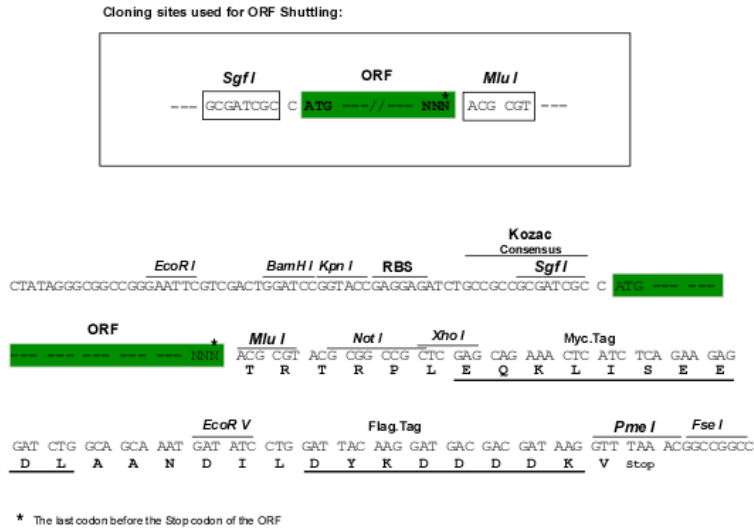
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GARCEHACQCQHGTC HPRSGACRCEPGWWGAQCASACYCSATSRCDPQTGA CLCHVGGWGRSCNNQCACN
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LPRIPRRQKLPKVVVAHHDLDNTLNCSFLDPPSGLEQSPSWSSRASFS SFDTTDEGPVYCV PHEEATA
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EAGGLSLSPSPERRKPPPPDPATKPKVSWIHGKHSAAAAAPSPPAGRKAAPSPSGRKRTPSNSSVQPPG
L TEEAPGPASPTPPRARARGRLGLSEPTDAGPPPSAPEAASMLAAELRDKTRSLGRAEKPPPPQKAKR
SVLPAATVRTASASEASGSEKAAAAPAPETPRKKTPIQKPPRKSREAA GEP SRAGTAPGAS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9103_g02.zip

Restriction Sites: Sgfl-Mlul

Cloning Scheme:



ACCN: NM_153790

ORF Size: 2499 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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

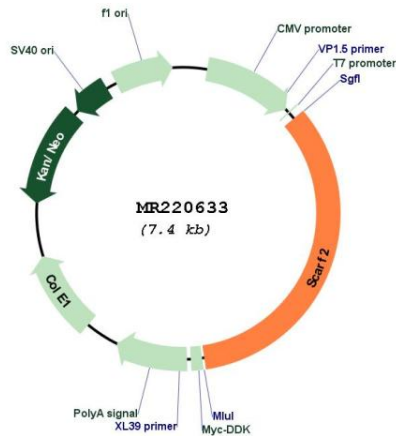
UniProt ID: [P59222](#)

Cytogenetics: 16 A3

MW: 87.9 kDa

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]

Product images:



Circular map for MR220633