

Product datasheet for **SC309326**

SCARF1 (NM_145352) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCARF1 (NM_145352) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCARF1
Synonyms:	SREC; SREC-I; SREC1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC309326 representing NM_145352.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGGCTGGGGCTGCTGCTCCCGCTGCTGCTGCTGGACTCGGGGACTCAGGGTCCGAGCTGGAC
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TACAAGGATGACGACGATAAGGTTTAAACGGCCCGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map: □

ACCN: NM_145352

Insert Size: 2235 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_145352.2
RefSeq Size:	3185 bp
RefSeq ORF:	2235 bp
Locus ID:	8578
Cytogenetics:	17p13.3
Protein Families:	Druggable Genome
MW:	78.8 kDa
Gene Summary:	<p>The protein encoded by this gene is a scavenger receptor that is expressed in endothelial cells. It regulates the uptake of chemically modified low density lipoproteins, including acetylated low density lipoprotein (Ac-LDL), and it may be involved in atherogenesis. This gene is regulated by the transcription factors ZNF444/EZF-2 and SP1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2013]</p> <p>Transcript Variant: This variant (5) lacks an in-frame segment in the coding region, as compared to variant 1. The resulting isoform (5) lacks an internal region, as compared to isoform 1.</p>