

Product datasheet for **SC109960**

SCARF1 (NM_145350) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCARF1 (NM_145350) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCARF1
Synonyms:	SREC; SREC-I; SREC1
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None



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Fully Sequenced ORF: >NCBI ORF sequence for NM_145350, the custom clone sequence may differ by one or more nucleotides

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ATGGGGCTGGGGCTGCTGCTCCCGCTGCTGCTGCTCTGGACTCGGGGACTCAGGGTCCGAGCTGGACC
CCAAAGGGCAGCACGCTGTGTGGCCAGCAGCCCTCTGCTGAGCTGCAGTGTGCGCAGGCTGGAGGCA
GAAGGATCAAGAATGCACCATCCCATCTGTGAGGGGCCGAGCGCTGCCAGAAAGACGAGGTGTGTGTG
AAGCCGGCCTCTGTGATGCAAGCCTGGATTCTTTGGGGCCACTGCAGCTCCCGCTGCCCGGGCCAGT
ACTGGGGCCCGACTGCCGTGAGAGCTGCCCTGCCACCCGACGCGCCAGTGCGAGCCAGCCACGGGCGC
GTGCCAGTGCCAGGCCGACCGCTGGGGAGCCCGCTGCGAGTTCCTGCGCCTGCGGCCCCACGGGCGC
TGCGACCCCGCGACCGCGTGTGCCACTGCGAACCAGGCTGGTGGTGTCCACGTGCCGCCCGCCGTGCC
AGTGCAACACCGCGGGCGCGCTGCGAGCAGGCCACGGGCGCCTGCGTGTGCAAGCCGGGTGGTGGGG
GCGCCGCTGCAGTTCGCTGCAACTGCCACGGCTCCCGTGCAGCAGGACTCCGGCCGCTGCGCCTGC
CGCCGGGCTGGTGGGGTCCGAATGCCAGCAGCAGTGCAGTGTGTGCGGGGCCGTGCAGCGCCGCT
CCGGCAGTGCACCTGCCCGCCCGCTTCCGCGAGCGCGCTGCGAGTGCCTGCCCGGCAGGCAGCCA
CGGGTGCAGTGCACACAGCTGTGGCCGCTGCAAAACAATGAGCCGTGCTCTCCAGACACAGGCAGC
TGTGAGTCTGCGAGCCGGGCTGGAACGGGACCCAGTGCCAGCAGCCCTGCCTGCCCTGGCACCTTTGGCG
AGAGCTGCGAACAGCAGTGCCCTCACTGCCGACATGGGGAGGCCTGTGAGCCAGATACTGGCCACTGTCA
GCGCTGTGACCTGGCTGGTGGGGCCAGGTGTGAAGACCCCTGCCCACTGGTACCTTTGGGGAAGAC
TGTGGCTTACCTGCCCCACCTGTGTTCAAGGGTCTGTGATACTGTGACAGGGGACTGTGTCTGCAGTG
CCGGCTACTGGGGGCCAGCTGCAACGCCTCTGCCAGCCGGTTTCCATGGAACAACCTGCTCAGTTC
TTGTGAATGCCAGAGGGACTTGCACCCCTGTCTCTGGGTCTGCCAGCCAGGCTTGGCAGTCCGGAC
ACTGCCCTACGCGGGCAGCCTTGTGCCTCTGCTGCTCTTCTGGGCTTGCCTGCTGTGCTGCTGCT
GCTGCTGGGGCCCGATCAGACCTCAAGGACAGGCCAGGAGAGATGGAGCTACCGTGTCCAGGATGAA
GCTGCAGGTCTGGGGGACTGACCAGTGGGCTCCACGCTGCCCTGCCGTTCCCTCAGCTCCACAAG
CTACCCTGGGTGACAGTTCATCGAGCCGCCCTGCGCGCTGGGCCACTGATGACTCCTTCTCATCCGA
TCCTGAGTCTGGAGAGGCAGATGAGGTTCTGCTACTGTGTGCCACCCCAAGAAGGGATGGTCCCTGTG
GCCAGGCAGGGTCTCAGAGGCCAGCCTGGCTGCAGGTGCTTCCCGCCCTGAGGACGCTCCACGC
CATTGCCATCCCGCGCACCTCCAGCCTAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_145350 unedited

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CATATCCCCGCCGTTGACGCAAAGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAA
GCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCG
CGAATTCGGCACGAGGCTCCCACCGAGCTGCCTGCCATGGGGCTGGGGCTGCTGCTCCC
CTGCTGCTGCTCTGGACTCGGGGACTCAGGGTCCGAGCTGGACCCAAAGGGCAGCAC
GTCTGTGTGGCCAGCAGCCCTCTGCTGAGCTGCAGTGTGCGCAGGCTGGAGGCAGAAG
GATCAAGAATGCACCATCCCATCTGTGAGGGGCCGACGCTGCCAGAAAGACGAGGTG
TGTGTGAAGCCGGCCTCTGTGATGCAAGCCTGGATTCTTTGGGGCCACTGCAGCTCC
CGTCCCCGGGCCAGTACTGGGGCCCGACTGCCGTGAGAGCTGCCCTGCCACCCGCAC
GGCCAGTGCAGCCAGCCACGGGCGCGTGCAGTGCAGGCCGACCGCTGGGGAGCCCGC
TGCAGTTCCTGCGCCTGCGGCCCCACGGGCGCTGCGACCCCGCAGCCGGCTGTGC
CACTGCGAACCCGGCATGGTGGTGTCCACGTGCCCGCGCCGTGCCAGTGAACACCCG
GGCGGCGCGTGCAGCAGGCCACGGGCGCCATGCGTGTGCAAGCCTGGCATGATGGGG
GCGCCCGATGCAGATTCCGCTGCAACTGCCACGGCATCCCGTGCAGCAGGACTCCGG
CCGCTGCGCCTGCCGGCCGGCTGGGNTGGGGTCCCTGATGCCANACAGTCTAAGGTTT
TCCCCGGGCCGCTGCAGCGCTGCTCCGNCAGTGCACCTGCCGNCAGGATTCGCG
NACGCGTGCAGCTGCCTGCCCTGCAGCGCCCGNGGNGTTGCAGTCTCACACT
    
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Gene Summary:

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]

Transcript Variant: This variant (3) uses an alternate splice site which results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (3, also known as SREC-3) has a distinct and shorter C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.