

Product datasheet for **RN211154**

Scarf1 (NM_001107022) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Scarf1 (NM_001107022) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Scarf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211154 representing NM_001107022
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGACCGCCATGGGACTAGGGCTGGTGTCTCACTGTTGCTGTTCTGGACTCGGGAGATCCAGGGAT
CCACGCTAGATCCAGCTGGTCAGCACGTCTGTATAGGCAGCAGCCCTCTGAGCTCCAGTGTGTTCCGGG
CTGGAGGCAGAAGGACCAAGAATGCACCATCCCCATCTGTGAGGGGCTGATGCCTGCAAGAAAGATGAG
GTGTGTGAAGCCGGGCTCTGTCTGATGTAACCTGGATTCTTCGGAGCCCATTCAGCTCCCGTGTCTC
CAGGCCAGTACTGGGCCCCGACTGTCGTGAGACCTGCCCTTGCCATCCACGTGGCCAGTGCACACCAGC
CACGGGTGTGTCAGTGCACCCAACTACTGGGCAAGCTCTGTGAGTCCCTGCACCTGCGGCCCC
CACGAAAATGTACCCAAAGACGGGCTTGTGCCACTGCGACCCCGGCTGGTGGTCACTACGTGTCTGTC
GCCCTGCCAATGCAACCCATTAGCGCGCTGTGACCAGGTCACTGGAGCCTGCATATGCCGACGGGCTG
GTGGGGCCACCGTGCAGCTTCAGTTGCAACTGCCATACCTCGCCCTGCCCTCAGGACTCCGGCCGTTGC
ACCTGCCTGCAGGGCTGGTGGGGTCCAGAGTGTAGTGCAGGTGCCAGTGTGTGCCAGGACAATGCAGCG
TTACTTCCGGCCACTGCTCCTGCCCTCCTGGCTTCCAAGGAGCCCTCTGTGAGCTGCCTTCAAGCCCGG
CCGCTATGGAGCGCAGTGCAAGAAAGCTGTGGCCACTGTGAGCCGAATGCCACGTGCTCTCCAGTCACC
GGCAACTGTGAGTCTGCAAGCCGGGCTGGAACGGAACCTCAGTGCAGCAGCCATGTCTCCAGGCACCT
TTGGTGAGAGGTGCAGTGGGAAGTGCACCCCGTGGCAGCTTGAAGAGCCCTGTCAAGTGGAACTGGGCA
CTGCCAGCGTGCACCCCTGGTGGCTGGGGCACAGGTGTGAGAACTTGTCCCTTGGTACCTTTGGG
AAGGGCTGCAGCTCTACCTGCCCTGCCTGTGTTCCAGGGACTGCAATGCGGTGACTGGGGAATGTGTCT
GCAGTGTGGCTACTGGGGACACAGCTGCAATAGTTCTGCCCTTCTGGCTTCCACGAAACAATGTTTC
TATGCCCTGCCAATGCCAGAGGGGCTCTGCCACCTGAGTCTGGGGCTGCCAGCTGGGCCACATGGT
AAAAATGCCCTCATTGTGGGCATCCTGGTACCTCTGCTGCTCCTCATGGCATTATCTGCTGTGCTCT
ACTGCTGCTCAGCTTCCCGACTGGACCCCAAGGACAGGCCTGAGAGAAATGGAGCTGCCTTTTTCAGGAT
GAAGCAGCAGGTGTGGGGGCCCTCACCAGCCTGGGCTCGGCACTGCCCTGTGGTCCCTCAGTAACTAC
AAGCTACCTTGGGTGACAGTTTCTCACCATGATCCAGAGGTTCCCTTCAACCACAGTTTTCATCGAGCCAC
CCTCTGCTGGCTGGCCCTCTGACGACTCTTCTCGTCTGATCCCGACTCTGGAGAAGAGGACGAAGCTCA
CGCTACTTCATGCCACCTCGAGAAGAGACAGTCCCTATGACCCAAGAAGATCACCAGCAGCCAGCCTT
CCTGGAGGCCCTTCCCTCCCCCTGAGGACGCCTCCACACCATCCCCATCCCACGCACCTCCAGCCTGG
CTGGGGCAAGAGGCCATCCGTCTCTTTGCTGAAGGCACTAAGTTTGCACCACAAAATGGCCGAAGCTC
TGGGGATCTCTCCAGCCCATACGAAAACCAAGAGACTCTCCAGAGGTGCTCAGCCACGCTCCTGAAGGG
CAAGAGGCTGAGGAGTCTACAGGCCAGAGCAAGAAAACCCAGAAGAGGATGTTCTACAGCCACAAGCT
CTGGAGATGCTGCCACTAGTCACGGCCAACTCCACCTGGTAGCCGGACAGTGCACGAATGTGTGAAAC
CACCGATGGAGGCATCCAGGAGAGCTCAGGGTCTGTGGCCACTATCTATATGCTGGCAGGGACACCCAG
AAACCTGAGGGCCCTGTCTGGTCTGTCTTTCGTCGTTTGGGAACTACCAGAAAGATCAGGCGCGCCCA
AGGTAAGAGTGCATCCCTAAGCCTTTCGCCGATCTCTGGTCCGAAACAGGCCAGCTCCGGGCTGTCT
CCAGAGCTCTGGCTCAGCTCCAGGTGCTGTGCTCTCCGGGGCCATGGAGTCCACCCGCAATTAAGCCAGAG
GAAGCATCCAGAGGTCTGGGAGATGGCATTGAGAGCTTAGGGACAGTCCAGGAGCCAGTCGTTGGAAGCA
GTTCCCCGGAGCAGGTTCCAGAAGCAGGCTGAAGAACAGGAACAGGAGGAGCCCTGTATGAGATGT
TGTGCCATGCTGCAGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107022
Insert Size: 2472 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).
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:	<u>NM_001107022.1</u> , <u>NP_001100492.1</u>
RefSeq Size:	2866 bp
RefSeq ORF:	2472 bp
Locus ID:	303313
Cytogenetics:	10q24