

Product datasheet for **RN211764**

Sp140 (NM_001012133) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sp140 (NM_001012133) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sp140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211764 representing NM_001012133
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGAGGAGACAATGGACTCAGCAGCAGGATGATCCAGAAAACCAGAATGGAGAGCAGTCAGATG
 ACTATCAGCTAATGTTCAAGCTCTTCAAAGAAAACAAGGTGGAGATTGCAAGTGCCATCACCAGCTATT
 TCCTTTCCTCATGAGCCTTCGAGACCGAGACTTCACTCGGAGCAGAAATCAGGAATGTCAAGAAAACA
 TGTAAGAACTGGTTCAGTGGACAGAGTGGTGTATGACATCCTCAGTGACATACAGAAGAAGTTTAGCC
 GGGATCTTCTGAAAGTGATATTCAGCAACGTGCATCTGAAGGCCTACCCTGACTTACAGGAGATTCTAAA
 ACACCTTCTAAGTGTCTGAAAATCACAGGACTGTACAAAGGATAAATGGAAGAGATGTTGAAGAGAGG
 CCCAGACTGCCAGCTGTCGTTAGGAAGCATCCTACAGTCTGAAAATACACAAATGAGTGTGGACAGG
 CAGAGGAGGTGCCAGCCTTCCACAGTGAATGGAGGAGATGAGCGAGACTTCACTTGCCAGTCAGCTGA
 GGAAGGAGTTCTCCTGAACAAATGTGTGATGGACAAGAGCCTCAGGACAACCTGCCCTCCTCCCTGAGA
 TGTGAAGCAGCATCCTACAGTCTGAAAATACACAAATGAGTGTGGACAGGCAGAGGAGGTGCCAGCC
 TTCCACAGTGAATGGAGGAGATGAGCGAGACTTCACTTGCCAGTCAGCTGAGGGAAGGAGTTCTCCTGA
 ACAAATGTGTGATGGACAAGAGCCTCAGGACAACCTGCCCTCCTCCCTGAGATGTGAAGCAGCATCCTGT
 AGTCTGGAAATACACAGACGAATGCTGAACAAGCAGAGGAGGCCAGCCTTCCACAGTGAATGGAA
 GAGAGGGAAGTAGTTCTGTGAACAAATGTGTGATGGACCAGATCCCCAGGATGAACTGTCTCATCACT
 GAGACGTGACACAGGAGCACAACAACCCACAAGTGAAGAGAGGTGACCTGTGTGATGTTCCCAACA
 TATGTGCCAGAAGACCTAGAAGCAAGGATGGGAAGCAGTCAAGGAGCCATGGACTGGGAGGAAAATTC
 CTGCAGGAAAATCCAAGAAGAGGAGAAGAAAAAGAAAGTTACAACCTGGTCAAAACCAAAGCGGAGGAA
 GCCAATGATTGTACGGAGAAAATATGGCAGAAGAGCCGTTACCCAGGCAGTTTTTCAGGAGAAGAAAATG
 AAGAACCAGGACTCTCTGCTAAGATCAGGGTCCAAGAAGGCACGGGAAGGAAATGGCCAAATTTAACG
 CGGAGTTGCTACCTGTGACGTGTGGTAACTTGAAGGGAGTATTACACAAGGATAAATTCAAAACAGGGAT
 ATCTGTGATGTCTATACAGTGCCAGGATGGGAAGTGGTACACCCCCCTGAATTTGAAATCATGGGAGGC
 CATGGAAGATCAAAGAACTGAAATGAGTCTGCGGTGCTATAATTGGCCCTGAACTTCTGATCCAGA
 GAAATTTCTACCATCTCCACGGATATATGGCAAGAGAAAAAGAAGAGAACACAAAGTTTGCATCA
 TTTCCAGCGGACCCAGACAACCTCAGATGAGTGTGAGGTGTGCCGGATGGAGGAACGCTCTTCTGCTGT
 GACACATGTTCCAGAGCCTTCCATGAAGAGTGTATATCCAGCAGTGGAAAGCTGAGGTAACACCATGGA
 GTTGCATCTTCTGAGGATGAGTCTTAGGAAGTCAACAGAGTCTTCCAGAATCTGAGATCTGCAGAG
 GGAGATGGTGCCCGAGAACAGTTGAAGTGTGAGTATGTTCTCTTGGAGTCTATTGCTGTTCTGAGAGC
 TCCTTTTTTCCAAGATGCCATATTATTATTTAGAGAGATGGCTGTGGCGTGCAAGAACCTATGT
 GGTGGACATAATCAAGAGAAAGCTGAGTGATCAGGCTTACTCCAAGTGAAGACTTCTGTGAGGACAT
 GAGACTCATCTCCGGAATCACAGAATCACGTTCAAGGACCCTAAGTTTGGTGAATGGGACTCATACTG
 GAGTCCAAGTTTGAGAAGAGTTTCAAGGAAGCGTTTGCTATTCAAGGAAGAAGTGAAGAGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001012133

Insert Size: 2166 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_001012133.1, NP_001012133.1</u>
RefSeq Size:	3003 bp
RefSeq ORF:	2166 bp
Locus ID:	316580
Cytogenetics:	9q35