

Product datasheet for **MR208566**

Sp140 (NM_001013817) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sp140 (NM_001013817) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sp140
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208566 representing NM_001013817
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGAGGCTACAATGAACTCAGCAGCAGGACAATCCAGAGGACCAGAATGAAGAGGAGTCAGATG
 ACTATCAGCTCATGTTCAAGCACTTCAAAGAAAACAAGGTGGAGATCGCAAGTGCCATCACCAAGCCGTT
 TCCTTTCCTCATGAGCCTTCGAGACCGAGACTTCACTCGGAGCAGAAGTTTCAGGAATATCAAGAAACA
 TGTAAGAACCTGGTCCCAGTGGAGAGAGTCGTGTACGACATCCTCAGCAATGTACAGAAGAAGTTTAGCC
 GGGATCTTCTGAAAGTGATATTCAGCAAAACACATCTGAAGGCCTACCCCGACTTAAAGGAGACTCTAAA
 ACACCTTCTTCTAAATGCATCCAAAACGAATGATGAACAAGCAGAGGAGATGCAATGCAATGGAGGAGAG
 GGAAGTAATTCTGTGAACAAACAAGACAACAAGACAAGAGCCCGAGGATGACCTGCCCTCATCCCTGA
 GACAAGAAGCAGGAGCACAGCAACCCACACGTGAAAAGAAGTGTCTGTGTATATGTTCCCAACATA
 TGTGCCAGAAGACCTGGAAGCAAGGATGGGAAGCAGCCAAGGAGAATGTGTGGCCACCAGGAGGAACATT
 CCTGCAAGAAAACCAAGAAGCAGAGAAGAAAAAGAAAGGCCACAACCTGGTCAAAACCAAGATGGAGAA
 AGCCAATGAGTGTACAGAGAAAACGTCTAAGAAGACGCAGAAAAGAAAATGCCAATTTTAGTGCTGAGTT
 GCTTCCCGTGACGTGTGGTAACTTGAAGGGAGTGTACACAAGGAAAAATCAAACAAGGGATATCTGTG
 AAGTCCATACAGTGTGAGAACTGGTTCACACCCTCGGAATTTGAAATGATGGGAGGCTATGGAA
 AGTCAAAGAACTGGAAGTGAAGCTGCGCTGCCATAATTGGCCCTGAACTCCTGATCCAGAGAAATTT
 TCTACCAATCCTCCACGGATACATCGCAAAAAGAAAAGAGCAGAGAACACAGAACTTGCATCGTTCCCA
 GCTACCCCTAGTATTCAGAACTCAGATAAATGTGAGGTGTGCCGGGATGGAGGATTACTCTTCTGCTGTG
 ATACTTGTTCAGAGCCTTCCATGAGGACTGCATATCCCAACAGTGAAGCTGAGATAACACCATGGAG
 TTGCATCTTCTGTAGGATGCAGTCTTAGGAAGTCAACCGAGTCTTCCAGAATCTGAGATACTGCAGAGG
 GAGATGGCTCCCAAGAACAGTTGAAGTGTGAGTATGTTCTTGTGAGAGTCTATTGCTGTTCTGAGAGCT
 CCTTTTTTCCAAGATGCCATATTATTATTTTAGAGAGATGACTGTGAGTGTGCAAGAGCCTATGTG
 GTTGGACATAATCAAGAAAAAGCTGAGTGACCAGGCTTACTGCCAAGTAGAAGACTTTGTGCAAGACATG
 AGGCTCATCTCCGGAATCACAAATCACGTTCAAGGACCCTAAGTTGGCGAAATGGGATTTAGACTGG
 AGTCCAAGTTGAGAAGAGTTTCAAGGAAGTGTGCTATTTCAGGAAACAAATGAAAAGAGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208566 representing NM_001013817
 Red=Cloning site Green=Tags(s)

MAGGYNELSSRTIPEDQNEEESDDYQLMFKHFENKVEIASAITKPFPLMSLRDRDFISEQKFQEYQET
 CKNLVPVERVVYDILSNVQKKFSRDLLKVIFSKTHLKAYPDLETLKHFFLNASKTNDEQAEEMQCNNGE
 GSNSCEQTRQTRQEPQDDLPSLLRQEAQAQPTREKKCSCVICSPYVPEDEARMGSSQGEVGRNRNI
 PARKPKKQRRKKKGHNWSKPRWRKPMQVQRKRLRRRRKENANFSAELLPVTGKVLHKEKFKQGISV
 KSIQCQNGNWFTPSEFEMMGYKSKNWKLSLRCHNWPLKLLIQRNPLNPPRIHRKRKEQRTQNLHRSP
 ADPSIQNSDKCEVCRDGLLFCDDTFRAFHEDCHIPTVEAEITPWSICFCRMQSLGSPSPPESEILQR
 EMAPQEQLKCEYVLLRVYCCSESSFFSKMPYYYYFREMTVSVQEPMWLDI IKKKLSDQAYCQVEDFVQDM
 RLIFRNHKITFKDPKFGEMGRLESKFEKSFKEVFAIQETNEKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9087_a05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001013817

ORF Size: 1602 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

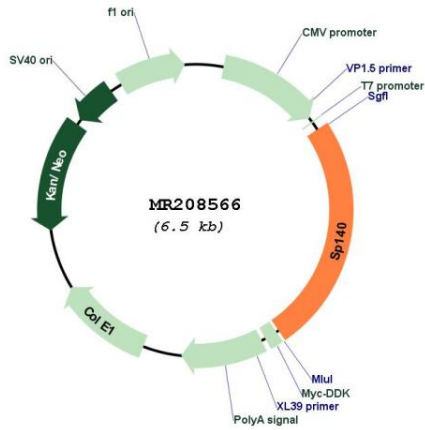
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001013817.2](#), [NP_001013839.1](#)
 RefSeq Size: 2417 bp
 RefSeq ORF: 1605 bp
 Locus ID: 434484
 Cytogenetics: 1 C5
 MW: 62.6 kDa

Product images:



Circular map for MR208566