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Product datasheet for MR211585

Solh (BC058094) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Solh (BC058094) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Solh
Synonyms:	Solh
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>MR211585 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACAGTTGGGGAGTGGTCCTGTGCACGCTGCACCTTCCTGAACCCTGCCGGCCAACGCCAGTGCT
CCATCTGTGAGGCCCCCCGACATAAGCCAGATCTTGACCAGATCCTTCGTCTCAGCGTAGAGGAGCAGAA
ATGGCCCTGTGCACGCTGTACATTCCGGAACTTTTTAGGCAAAGAGGCTTGCGAAGTGTGTGGCTTTACC
CCAGAGCCTGTTCCTGGAGCCCCTCTGCTGCCCATTATCAATGGGGTCCTGCCCAAGCCACCCACCATAC
TGGTGGAGCCAAAGGGCAGCGGTAAGGAGGAAGCAGGCCCAGTGCGGACAGCAGGGCTAGTGGCCACAGA
GCCAGCCAGAGGGCGCCCTGAAGGAGAAGAAGAAAGAGAAGAAAGAGGAGAAGAAGAAGAAAAGGAGCAG
GAGGGCGAGGGGGAGAGGGCAGAGCCTGGCAGTGGCTGGGCATGCCAGCGCTGCACACTGCATAACACAC
CAGTGGCCAGCTCTTGTTCTGCCTGTGGGGGACCCCGGAAACTGTCATTGCCTCGCATCCCCCCAGAAGC
CCTGGTGGTTCCCGAGGTTGTAGCCCCTACTGGCTTTCATGTCGTTCCTGCTCCATCCCAGCCTGTCCTC
CCTGGGGAAGGTGCTGAGGCTGATTCTCCTTCTACCAGCCAGGGTCCCACCTCCACTGACCAGGAGCCAC
CCAGGGTACCACTCTTCAGCCCCTTCTCACCCACCCTACAGAACAACCCTGTACCCAGAAGCCGCCGGGA
GGTCCCCCCTCAGCTTCAGCCACCTGTGCCTGAGGCTGTTCAGTCCTCAGCCTCCACAAGCTCCAAAGGG
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TTCACCACCTGGTCATGTGCCAGGTGTACACTTAGGAACCCCACAACAGCCCCCAGGTGTTCAGTGTGTG
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CAAGCCTGGCCCCTGTGTTGGCTCCTGTGGACGAGCTCCCTCAGCACACAAGGCTGTCCGTCTCTTGCCC
GATCGCCCGGGTCAGTGGGCCTGCCCGGCCTGTACTCTGATCAACACACCTCGGGCCAAGCACTGTGCAG
CCTGCCATACACCACAGCTTCTGGTGACCCAGTGCCGGGGGGCTACCCCCCTGAGGCGCAGGGAGAGTAT
GCATGTGGAGAAGCGGAGGCAGACAGATGAGGGCGAGGCCAAGGCACTCTGGGAGAACATAGTGGCTTTC

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TGCAGAGAGAATAGTGTGAACTTTGTGGATGACAGCTTCCCCCCCGGGCCTGCATCTGTCGGCTTCCCAG
TGGGCGACAGCGTCCAGCAGCGAGTGAAACAGTGGCTGAGGCCCCACGAAATCAACTGCTCTGTCTTCAG
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TGGCTGGGCGGGACTCATCGTGGTAGTGGAGAACCGGCACCCCAAGTCCTACCTGCATGTGCAATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR211585 protein sequence
Red=Cloning site Green=Tags(s)

MATVGEWSCARCTFLNPAGQRQCSICEAPRHKPDLDQILRLSVEEQKWPCARCTFRNFLGKEACEVCGFT
PEPVPGAPLLPIINGVLPKPPTILVEPKGSGKEEAGPVRTAGLVATEPARGRPEGEEEREERGEEEEKEQ
EGEGERAEPGSGWACQRCTLHNTPVASSCSACGGPRKLSLPRIPPEALVVPEVVAPTGFHVVPAPSQPVL
PGEGAEADSPSTSQGPTSTDQEPPRVPLFSPFSPTLQNNPVPRSRREVPPQLQPPVPEAVQSSASTSSKG
PQQGPGRAAAGASRLAELLSGKELLPGKRLSVLEEEVPESSPARCESCSDVIDLAGDIVRYTPASPSSPD
FTTWSCARCTLRNPTTAPRCSVCGGSKLHGFQEHSEPPTHCPDCGANKPGPCVGSCGRAPSAHKAVRLLP
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CRENSVNFVDDSFPPGPASVGFPVGDSVQQRVKQWLRPHEINCSVFRDHGTPWSVFHTLRPSDILQGLLG
NCWFLSALAVLAERPDLVERVMVTRSLCAEGAYQVRLCKDGTWTTVLVDDMLPCDEAGFLLFSQAQRKQL
WVALIEKALAKLHGSYFALQAGRAIEGLATLTGAPCESLALQVSSTNPREEPVDTDLIWAKMLSSKEAGF
LMGASCGGGNMKVDDAAYESLGLRPRHAYSVLDVRDVQGSRLLRLRNPWGRFSWNGSWSDEWPHWPGHLR
AELMPHGSSEGVFWMEYSDFIRYFDSVDICKVHSDWQEARVQGCFPSTAGGPVGVTALTVLERASLEFAL
FQEGSRRSDSVDSHLLDLCILVFRATFGTGGRLSLGRLLAHSKRAVKKFVNCDVMLEPGEYAVVCCAFNH
WNPAPPGPPAQGKGPSQMRPTPSFPTSEPQSPPTGKLLAPLSTPPTASSPSAGVPRGAPEPPGHVLAVYS
SRLVMVEPVEAQPTTLADAIILLTESRGERHEVGGVLMGEGRGWATTSPGPPTLCLCPGSRGHDLLLPDS
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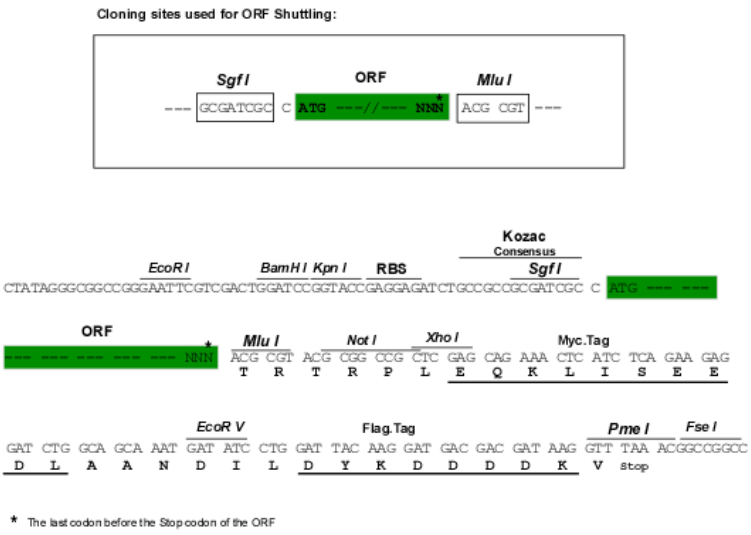
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



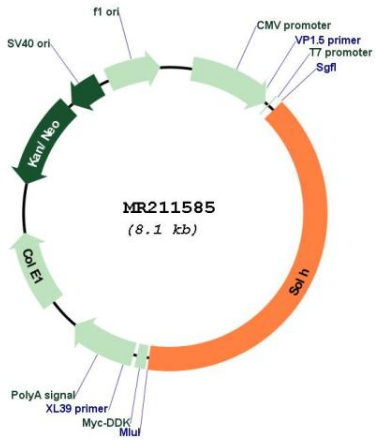
ACCN:	BC058094
ORF Size:	3216 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC058094, AAH58094
RefSeq Size:	4955 bp
RefSeq ORF:	3218 bp

Locus ID: 50817

Cytogenetics: 17 A3.3

MW: 115.3 kDa

Product images:



Circular map for MR211585