

Product datasheet for MR216190

Spert (NM_001164141) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spert (NM_001164141) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Spert
Synonyms:	1700086N05Rik; AI596460; Nurit
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR216190 representing NM_001164141 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCCAGAGGGGTGAAATGTAGGATGGAGGGACCAAGGCACAGAGGGGCACCGAGCCCTTCTGAGGCTCCACAACCTGTACAGTACTCCTCGCTGCTCCAGGCAGGCTGCCTTACCTCGGATGAGCCGCAGGGT
AGCCAGCCAGCACTCCTACCCACTCAACCGTTCTCTTCTATGCCTTTTGACCCATGGAGCGCCACC
TCCCAGGCCGACCTGGAAGTACTACAACCTCCCGGGTGCAGCTCAGCGATGAGATGTTTGTCTCC
AGGATGGGCGCTGGGTGAATGAGAGCTGCCGCCTACAACCACCTTACTTCTCTCCCCCTCTCCTTCCA
CCATAAGCTGCACCACAGGAGGCTGGCCAAGGAGTACCAGCTGCAGGAAGAGAACAAGTCTCTTCGGGAT
GAGAACCAGGGCCCTACGGGATGAGAACAAGGCCCTCCGCAAGGAGAACAAGTCTTACAGGTCTTTTGGG
AAGAGCACAAGGTCACCTTAGGCCACGAGGAGTACAGCTCCTCATTGTTGCACAAGGACACAACCTC
CCAGGAAGTGGTGAAGAGAGACAACCACTTTGCCTGCCAGCGTAGCAAAGAGAGCACCTACAGCTC
ATTCGAGAGGAGAACCAGGGCCCTGCAGCAGTTGCTGGAGCAGAGGCAGGCTACTGGGCCAGGCAGAAG
AGAATGCAGCTTCCACTGAGGAAGCAAGTCCACCTCTCACCAAGGAGGAGTCCATAACTCAGGGCT
TCTGCCAGATCAGAGCACAAACCACTCCTCCCCCTTTGAGGACCCAAAGTGCCCCCACAAACACAGGAG
GACTCGAAGACTGCGTGCCCTGAGGGAGATGGTTAACAACCTGTCTGGGGCATCTGGGAAGAGGATG
GCAAAGTAGGCCCTAACCTACCTGACAGCGCTCAACCCCTGCAGCTGCTGAGAGAGATGAACCAGGCGCT
GCAGGCCCTGCAGGAGGAGAACCAGGCTGCTGCAGGAGGAGAACAGGGCTCTGCACATCTTGCAGAGGAG
CACCAGCTCTCCAGGAGGAGAACAAGGCCCTGTGGGAGAACAATAAGTTGAAGTGCAGCAGCGGCTGG
TCATCGACACGGTACTGAGGTCACAGCCGGATGGAGATGCTTATCGAAGAGCTGTATGCCTTCATGCC
AGCCAAGAACAACAAGATCCCCAAAAGCCAGCAGGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216190 representing NM_001164141
 Red=Cloning site Green=Tags(s)

MQPEGVKCRMEGPKAQRGTEPFLRLHNL YSTPRCSRQAALPRMSRRVASQHSYPLNRFSSMPFDPMERPT
 SQADLELDYNPPRVQLSDEMVFVQDGRWVNESCLRLOPPYFSPSSFFHKLHHRRLAKEYQLQEENKSLRD
 ENRALRDENKALRKENKILQVFWEEHKVTLGHEESQTSLLHKDSTSQEVVKRDNTTLPQORSKESTLQL
 IREENRALQQLLEQRQAYWAQAEENAASTEKGSTSSPKKEESHNSGLLPDQSTNHSSPFEDPKVPPTTQE
 DSKTLRALREMVNLSGASGEEDGKVGPNLPDSAQPLQLLREMNAQALQALQEENRLLQEENRALHILREE
 HRVFQEENKALWENKLLKQRLVIDTVTEVTARMEMLIEELYAFMPAKNNKDPKPSRV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

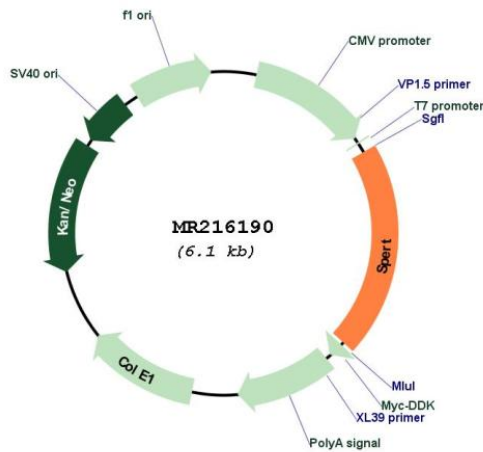
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001164141

ORF Size:	1230 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:	<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 Size:	1623 bp
RefSeq ORF:	1107 bp
Locus ID:	67926
UniProt ID:	Q32MG2
Cytogenetics:	14 D3
MW:	43.2 kDa