

Product datasheet for **RR212784**

Ssbp4 (NM_001014236) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssbp4 (NM_001014236) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssbp4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212784 representing NM_001014236 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACGGCAAGGCGAGCAAGGGCTGCGCGCCCTCGGACGGCCAGGCGCGGAGAAGCTTGCCTGTATG
TATATGAGTACTACTGCATGTGGGGCACAGAAGTCAGCACAGACCTTCCTGTCTGAGATCCGCTGGGA
AAAGAACATCACCTTGGGCGAGCCTCCTGGCTTCCTGCACCTCTGGTGGTGCCTTCTGGACCTGTAC
TGCAGCAGCCAGACCGCAGGGAGGCCTGTGAACACTCCAGTGAGGCCAAAGTCTCCAGGACTATAGTG
CAGCAGCAGCAGCTCCCAGCCCTGTGATGGGTACCTTGGCCCTAACGATGCAATGGCAGCAGGTCTGT
GGCACCAGGCTTCTTTCAGCCCTTCATATACCAAGGTTCCAGGGGGTCCCGCCCAATCCTGAGGATG
CCGGGCCAGCCTCCTGTGGGCTCCCTGGCTCCAGCACCTCATCCCTGGTGCCATGGACCCCTCCCCAC
GTGCACAGGGGCACCCAGCCTGGGAGGTCCGATGCAGAGGGTGACCCCTCCGAGGGGAATGGCCAGTGT
TGGGCCCCAGGGCTTTGGAAGTGGCATGCGTCCCCACCAATCCCTTGCCACCAGCCAGATCCTGCCA
TCCATGAACATGGGTCCGGGAGTGCCTGGCCCGTGGCCAGTCCCAGCGTAACCTGATCCCGTACTCTT
CCTCATCTCCTGGCAGCTACTCGGGACCGACAGGAGGAGTGGCGCCCCGGAACACCCATCATGTCCAG
CCCTGGAGACTCCACCAACTCCAGCGAGAACATGTACACCATCATGAATCCCATCGGGCCGGCGCTGGC
AGGGCTAACTTCCCGCTCGGCCCCAGCCCGGAGGGCCCAATGGCCTCAATGAGCACGATGGAGCCGACC
ACGTGAACGGATCCCTGGGCTCGGGCGATATGGACGGGCTGCCGAAGAACTCCCCGGCGCGCTGGGCGG
CCTGAACAACGCCCGGGGACCCCGCGCAGCAGCGGAGATGGCGGCTGCCGGGACCTTCTGCACCCG
TCCCCGAGCGAAAGCTACTCCCCGGCATGACTATGAGCGTG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212784 representing NM_001014236
 Red=Cloning site Green=Tags(s)

MYGKASKGCAPSDGQAREKLALVYVEYLLHVGAQKSAQTFLSEIRWEKNITLGEPPGFLHSWWCVFDLY
 CAAPDRREACEHSSEAKVFQDYSA AAAAPSPVMGTLAPNDAMAAGPVAPGFFQPFISPRFPGGARPILRM
 PGQPPVGLPGSQHLIPGAMDPSPRAQGHPSLGGPMQRVTPPRGMA SVGPQGFGTGMRPPPNLATSQILP
 SMNMGPVGRGPWASPSGNSIPYSSSSPGSYSGPTGGGGAPGTPIMSSPGDSTNSSENMYTIMNPIGPGAG
 RANFPLGPSPEGPMASMTMEPHHVNGSLGSDMDGLPKNSPGA VGGLLNAPGTPRDDGEMAAAGTFLHP
 FPSESYSPGMTMSV

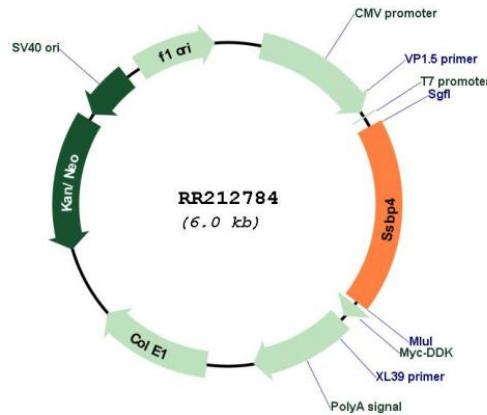
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001014236

ORF Size:	1092 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:	NM_001014236.1 , NP_001014258.1
RefSeq Size:	1525 bp
RefSeq ORF:	1095 bp
Locus ID:	364534
Cytogenetics:	16p14
MW:	37.5 kDa