

Product datasheet for MR205577

Ssbp4 (NM_133772) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ssbp4 (NM_133772) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssbp4
Synonyms:	1210002E11Rik; AW743380; Sspb4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205577 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTACGGCAAGGCGAGCAAGGGCTGCGGCCCTCGGACGGGCAGGCGCGAGAAGCTCGCGCTGTATG
TATATGAGTATCTACTGCATGTGGGGCACAGAAGTCGGCGCAGACCTTCCTGTCTGAGATCCGTTGGGA
AAAGAACATCACATTGGGTGAGCCTCCTGGCTTCCTGCACTCCTGGTGGTGCCTTCTGGGACCTGTAT
TGTGCGGCACCAGACCGCAGGGAGGCCTGTGAACACTCCAGTGAAGCCAAAGTCTCCAGGACTATAGCG
CAGCAGCAGCTCCAGCCCTGTGATGGGTGCCATGACCCCAAACGATGCCATGGCAGCAGGCCCTGTGGC
ACCAGGCTTCTCCAGCCCTCATGTACCACGGTTCACAGGGGGTGCCCGCCAAATCCTAAGGATGCCA
GGCCAGCCTCCTGTGGGCTCCCTGGCTCCAGCCCTCATCCCCGCTGCCATGGACCCCTCCCCACGAG
TGCAGGGACACCCAGCCTGGGAGGCCGATGCAGAGGGTGACCCCTCCAAGAGGAATGGCCAGTGTGG
GCCCCAGGGCTATGGAAGTGGCATGCGGCCCCCACTCCCTTGCCACCAGCCAGGTCTGCCGTCC
ATGAACATGGGTCCAGGAGTGCCTGGCCATGGGCCAGTCCAGCGGTAAGTCCGCTACTCTTCTCT
CATCTCCTGGCAGCTACTCGGGACCCGAGGAGTAGGCGGAGCCCTGGAACACCCATCATGCCAGCCC
TGGAGACTCCACCACTCCAGCGAGAATATGTACACCATCATGAATCCCATCGGTCCGGGCGCTGGCAGG
GCTAACTTCCCGCTCGGCCAGCCCGGAGGGCCAATGGCCTCAATGAGCAGATGGAGCCACACCAGC
TGAACGGATCCCTGGGCTCGGGCGATATGGACGGGCTGCCGAAGAATTCCCCCGGCGCCTGGGCGGCT
GAGCAACGCCCGGGACCCCGCGCAGCATGGCGAGATGGCGGCTGCCGGGACCTTCTGCACCCGTTCC
CCGAGCGAAAGCTACTCCCCGGCATGACCATGAGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205577 protein sequence
Red=Cloning site Green=Tags(s)

MYGKASKGCAPSDGQAREKLALVYVEYLLHVGAQKSAQTFLSEIRWEKNITLGEPPGFLHSWWCVFWDLY
 CAAPDRREACEHSSEAKVFQDYSAAAPSPVMGAMTPNDAMAAGPVAPGFFQPFMSPRFPGGARPILRMP
 GQPPVGLPGSQPLIPAAMDPSRVQGHPSLGGPMQRVTPPRGMASVGPQYGTGMRPPPNLATSQVLPS
 MNMGPGVRGPWASPSGNSIPYSSSSPGSYSGPAGVGGAPGTPIMPSPGDSTNSSENMYTIMNPIGPGAGR
 ANFPLGPSPEGPMASMTMEPHHVNGSLGSGDMDGLPKNSPGAVGGLSNAPGTPRDDGEMAAAGTFLHPF
 PSESYPGMTMSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_133772

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:**
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_133772.1, NP_598533.1

RefSeq Size: 1498 bp

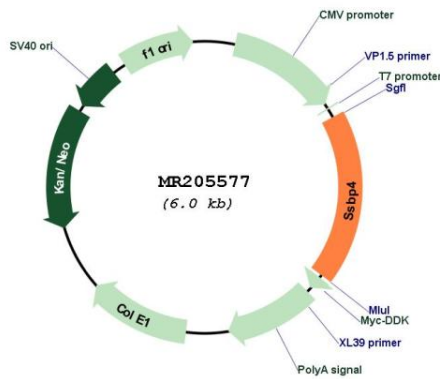
RefSeq ORF: 1092 bp

Locus ID: 76900

Cytogenetics: 8 B3.3

MW: 37.5 kDa

Product images:



Circular map for MR205577