

Product datasheet for **MR208857**

Sh3bp2 (NM_011893) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp2 (NM_011893) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sh3bp2
Synonyms:	3BP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208857 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGAGGAGATGCACTGGCCTGTCCCATGAAGGCCATTGGTGCCAGAATTTGCTGACCATGC
 CTGGTGGTGTGGCCAAGGCTGGTTACCTGCATAAGAAGGGTGGCACCAACTGCAGCTGCTCAAATGGCC
 CCTCCGCTTTGTGATCATCCACAAGCGTGCATCTACTACTTCAAGAGCAGCACATCTGCCTCCCCACAG
 GGTGCCTTCTCACTGAGTGGCTACAACAGAGTGATGCGAGCAGCTGAGGAGACCACGTCCAACAATGTCT
 TCCATTCAAGATCATTACATCAGCAAGAAGCACCGAACATGGTTCTTCTCAGCGTCTCTGAGGATGA
 GCGCAAGAGCTGGATGGCCTTGCTACGCAGGAAATTGGCCACTTCCATGAGAAGAAGGAACTACCTCTA
 GACACCAGTGACTCTAGCTCAGACACGGACAGCTTCTATGGTGCAGTTGAGCGACCTATAGATATCAGCC
 TGTCTTCATATCCCATGGACAATGAAGATTACGAACATGAAGATGAGGATGACTCGTACCTGGAGCCTGA
 TTCCCGGGGCCATGAAGCTTGAAGATGCCCTGACCTATCCACCAGCCTACCCACCACCCCTGTGCCT
 GTACCTCGGAAGCCAGCCTTCTCTGACTTGCCCGTGCCCACTCGTTCACCTCTAAAAGTCCAAGTCCCT
 TACTGCCACCCACCTCCTAAGCGAGGCTTCCAGACACTGGCCCTGCCCTGAGGATGCTAAGGACGC
 ATGGGCTGAGGCGAGTAGAGCCTGGCCTCAGGGTGCCTGCCACCCCTCGGAGGATGAGTGACCCCA
 ATGAGCAATGTACCCACCGTGCCCAACCTCCGAAACATCCTTGCTTCCGGGACAGTGTGAATCCCGGCC
 TAGAACCTGGACCCCTGGCCATGGGACTAGCTCTGTCTCCAGCTCTACCACCATGGCCGTTGCCACCTC
 TAGGAAGTGTGACAACTCAAGTATCCACCTGTCTTCCCGAGGGCCACCCACATCTGAGCCCCACCC
 GTGCCTGCTAATAAGCCCAAGTTCCTGAAGATAGCTGAAGAACCTCCCTGAGGGAGGCAGCCAAGTTTG
 CACTGTGCCCTGTGGCCCCAGGCCCTCCTGTGCAGAAGATGCCATGCCTGAGGCTACTGTTCCGGCC
 TGCAGTGCTGCCTAGACCAGAGAACACACCTTCTCCTCACCTCCAGCGATCCCCCCTGATGGACAGAGT
 TTCAGGGCTTCTCCTTTGAAAAGGCCGCCAGCCCTCACAGGCTGACACTGGTGAGGAGGACTCAGATG
 AAGACTATGAGAAGGTGCCGCTGCCTAACTCGGTGTTTGTCAACACGACAGAGTCTGCGAGGTGGAAG
 GTTGTCAAAGCTACGGACCCCGTGGAGAGCCTCAGGATGGGCTGTATTGCATTGGAAGTCTCTACC
 AAGTCAGGGAAGGTTTTGGTCGTGTGGGATGAATCTTCTAACAAAGTGAAGGATATCGCATCTTTGAAA
 AGGATTCTAAGTCTACCTGGAAGGTGAGGTTCTGTTTCCAGTGTGGGCAGCATGGTGGAGCACTACCA
 CACCCATGTGCTGCCAAGCCATCAGAGCCTGTTGCTGCGGCACCCATACGGCTACGCTGGGCCAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208857 protein sequence
 Red=Cloning site Green=Tags(s)

MAAEEMHWPVPMKAIGAQNLLTMPGGVAKAGYLHKKGGTQLQLLKWPLRFVIIHKRCIYYFKSSTSASPQ
 GAFSLSGYNRMRAAEETTNNVFPFKIIHISKHRTWFFSASSEDERKSWMALLRREIGHFHEKKELPL
 DTSDDSSDTSFYGAVERPIDISLSSYPMDNEDYEHEDEDDSYLEPDSGPMKLEDALTYPPAYPPPPVP
 VPRKPAFSDLPRAHSFTSKSPSPLPPPPPKRGLPDTGPAPEDAKDALGLRRVEPGLRVPATPRRMSDPP
 MSNVPTVPLNRKHPCFRDSVNPGLPEWTPGHGTSVSSSTTMAVATSRNCDKLSFHLSSRGPPPTSEPPP
 VPANKPKFLKIAEESLREAAKFAPVPPVAPRPPVQKMPMEATVRPAVLRPENTPLPHLQRSPPDQGS
 FRGFSFEKARQPSQADTGEEDSDEYEVPLPNSVFNVTESCEVERLFKATDPRGEPQDGLYCIIRNSST
 KSGKVLVWDESSNKVRNYRIFEKDSKFYLEGEVLFASVGSMEVHYHHTVLP SHQSLLLRHPYGYAGPR

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_011893

ORF Size: 1680 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_011893.2](#), [NP_036023.2](#)

RefSeq Size: 2966 bp

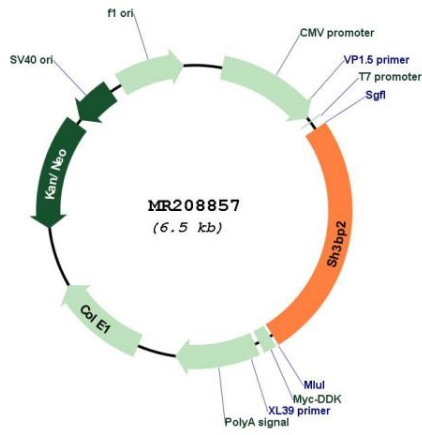
RefSeq ORF: 1680 bp

Locus ID: 24055

Cytogenetics: 5 B2

MW: 62.2 kDa

Product images:



Circular map for MR208857