

Product datasheet for **MR227553**

Sh3bp2 (NM_001145858) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp2 (NM_001145858) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sh3bp2
Synonyms:	3BP2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR227553 representing NM_001145858
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTGGGGGATGCAGGTTGCAGTCCCTCCTCATAGCCCCTGAGCTGAATAGCCTTCCGGATTTAAGG
 ACACCTGTCCCCAGCAGGTCACAGGAAGTTGTACCATGTGTGGGTCAGTGCCATGAGCTTCATGGCGGC
 TGAGGAGATGCAGTGGCCTGTCCCCATGAAGGCCATTGGTGCCAGAATTTGCTGACCATGCCTGGTGGT
 GTGGCGAAGGCTGGTTACCTGCATAAGAAGGGTGGCACCAACTGCAGCTGCTCAAATGGCCCTCCGCT
 TTGTGATCATCCACAAGCGCTGCATCTACTACTCAAGAGCAGCACATCTGCCTCCCCACAGGGTGCCTT
 CTCCTGAGTGGCTACAACAGAGTGTGCGAGCAGCTGAGGAGACCACGTCCAACAATGTCTTCCCATT
 AAGATCATTACATCAGCAAGAAGCACCGAACATGGTTCTTCTCAGCGTCTCTGAGGATGAGCGCAAGA
 GCTGGATGGCCTTGCTACGCAGGAAATGGCCACTTCCATGAGAAGAAGGAACCTCTAGACACCAG
 CGACTCTAGCTCAGACACGGACAGCTTCTATGGTGCAGTTGAGCGACCTATAGATATCAGCTGTCTTCA
 TATCCCATGGACAATGAAGATTACGAACATGAAGATGAGGACGACTCGTACCTGGAGCCTGATCCCCGG
 GGCCCATGAAGCTTGAAGATGCCCTGACCTATCCACCAGCCTACCCACCACCCCTGTGCCTGTACCTCG
 GAAGCCAGCCTTCTGACTTGCCCCGTGCCACTCGTTCACCTCTAAAAGTCCAAGTCCCTTACTGCCA
 CCCCCACCTCCTAAGCGAGGCTTCCAGACACTGGCTCTGCCCTGAGGATGCTAAGGACGCATTGGGCC
 TGAGGCGAGTAGAGCCTGGCCTCAGGGTGCCTGCCACCCCTCGGAGGATGAGTGACCCCCCAATGAGCAA
 TGTACCCACCGTCCCAACCTCCGAAACATCCTTGTCTCCGGGACAGTGGAATCCCGGCTAGAACC
 TGGACCCCTGGCCATGGGACTAGCTCTGTCTCCAGCTTACCACCATGGCCGTTGCCACTTAGGAAT
 GTGACAAACTCAAGTCAATCCACTGTCTTCCCGAGGGCCACCCACATCTGAGCCCCACCCGTCCTGC
 TAATAAGCCCAAGTTCCTGAAGATAGCTGAAGAACCCTTCCCCGAGGGAGGCAAGTTCACCTGTG
 CCCCCTGTGGCCCCAGGCTCCTGTGCAGAAGATGCCCATGCCTGAGGCTACTGTTCCGGCTGCAGTGC
 TGCTTAGACCAGAGAACACACTTCTCCTCACCTCCAGCGATCCCCCCTGATGGACAGAGTTTCAGGGG
 CTTCTCCTTTGAAAAGGCCCGCCAGCCCTCACAGGCTGACACTGGCGAGGAGGACTCAGATGAAGACTAT
 GAGAAGGTGCCGCTGCCTAACTCGGTGTTGTCAACACGACAGAGTCTGCGAGGTGAAAGGTTGTTCA
 AAGCTACGGACCCCGTGGAGAGCCTCAGGATGGGCTGTATTGCATTCCGAACTCCTCTACCAAGTCAGG
 GAAGGTTTTGGTCGTGTGGGATGAATCTTCAACAAAGTGAGGAATTATCGCATCTTTGAAAAGGATTCT
 AAGTTCTACCTGGAAGGTGAGGTTCTGTTGCCAGTGTGGGCAGCATGGTGGAGCACTACCACCCCATG
 TGCTGCCAGCCATCAGAGCCTGTTGCTGCGGCACCCATACGGCTACGCTGGGCCAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR227553 representing NM_001145858
 Red=Cloning site Green=Tags(s)

MSGGCRLLQSLLIAPELNSLSGFKDTCPPQVTSCTMCWVSAMSFMAAEMQWPVPMKAIGAQNLLTMPGG
 VAKAGYLHKKGGTQLQLLKWPLRFVIIHKRCIYYFKSSTSASPQAFSLSGYNRMRAAEETTSNNVFPF
 KIIHISKKHRTWFFSASSEDERKSWALLRREIGHFHEKKELPLDSDSSDSDSFYGAVERPIDISLSS
 YPMDNEDYEHEDEDDSYLEPDSGPMKLEDALTYPPAYPPPPVVPVPRKPAFSDLPRAHSFTSKSPSPLLP
 PPPPKRGLPDTGSAPEDAKDALGLRRVEPLRVPATPRRMSDPPMSNVPTVPLNRKHPCFRDSVNPGLP
 WTPGHGTSSVSSSTTMAVATSRNCDKLKSFHLSSRGPPTSEPPVPANKPKFLKIAEESPREEAKFAPV
 PPVAPRPPVQKMPMEATVRPAVLRPENTPLPHLQRSPDQGSFRGFSFEKARQPSQADTGEEDSDEDY
 EKVPLPNSVFNTESEVERLFKATDPRGEPQDGLYCIKNSSTKSGKVLVWDESSNKVRYRIFEKDS
 KFYLEGEVLFASVGSMEHYHHTVLPESHQSLLLRHPYGYAGPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

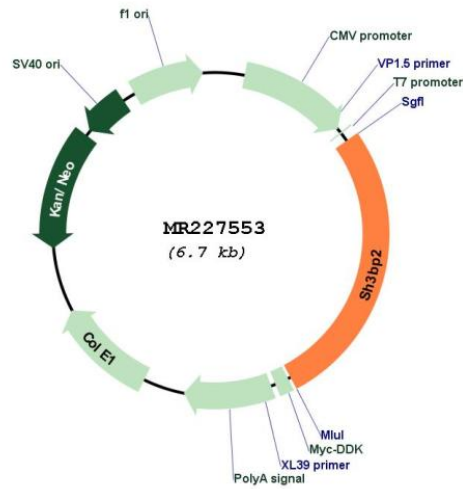
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001145858

ORF Size: 1809 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_001145858.1 , NP_001139330.1
RefSeq Size:	3066 bp
RefSeq ORF:	1812 bp
Locus ID:	24055
Cytogenetics:	5 B2
MW:	67.3 kDa