

Product datasheet for **MG227553**

Sh3bp2 (NM_001145858) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp2 (NM_001145858) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sh3bp2
Synonyms:	3BP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG227553 representing NM_001145858
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTGGGGGATGCAGTTGCAGTCCCTCCTCATAGCCCCTGAGCTGAATAGCCTTCCGGATTTAAGG
 ACACCTGTCCCCAGCAGGTCACAGGAAGTTGTACCATGTGTTGGGTCAGTGCCATGAGCTTCATGGCGGC
 TGAGGAGATGCAGTGGCCTGTCCCCATGAAGGCCATTGGTGCCAGAATTTGCTGACCATGCCTGGTGGT
 GTGGCGAAGGCTGGTTACCTGCATAAGAAGGGTGGCACCAACTGCAGCTGCTCAAATGGCCCTCCGCT
 TTGTGATCATCCACAAGCGCTGCATCTACTACTTCAAGAGCAGCACATCTGCCTCCCCACAGGGTGCCTT
 CTCACTGAGTGGCTACAACAGAGTGATGCGAGCAGCTGAGGAGACCACGTCCAACAATGTCTTCCCATT
 AAGATCATTACATCAGCAAGAAGCACCGAACATGGTTCTTCTCAGCGTCTCTGAGGATGAGCGCAAGA
 GCTGGATGGCCTTGCTACGCAGGAAATGGCCACTTCCATGAGAAGAAGGAACCTCTAGACACCAG
 CGACTCTAGCTCAGACACGGACAGCTTCTATGGTGCAGTTGAGCGACCTATAGATATCAGCTGTCTTCA
 TATCCCATGGACAATGAAGATTACGAACATGAAGATGAGGACGACTCGTACCTGGAGCCTGATCCCCGG
 GGCCCATGAAGCTTGAAGATGCCCTGACCTATCCACCAGCCTACCCACCACCCCTGTGCCTGTACCTCG
 GAAGCCAGCCTTCTGACTTGCCCCGTGCCACTCGTTCACCTCTAAAAGTCCAAGTCCCTTACTGCCA
 CCCCCACCTCCTAAGCGAGGCCTTCCAGACACTGGCTCTGCCCTGAGGATGCTAAGGACGCATTGGGCC
 TGAGGCGAGTAGAGCCTGGCCTCAGGGTGCCTGCCACCCCTCGGAGGATGAGTGACCCCCCAATGAGCAA
 TGTACCCACCGTGCCCAACCTCCGAAACATCCTTGCTCCGGGACAGTGGAATCCCGGCTAGAACC
 TGGACCCCTGGCCATGGGACTAGCTCTGTCTCCAGCTTACCACCATGGCCGTTGCCACCTCTAGAACT
 GTGACAAACTCAAGTCATTCCACTGTCTTCCGAGGGCCACCCACATCTGAGCCCCACCCGTCCTGC
 TAATAAGCCCAAGTTCCTGAAGATAGCTGAAGAACCCTCCCCGAGGGAGGCAGCCAAGTTTGCACCTGTG
 CCCCCTGTGGCCCCAGGCCTCCTGTGCAGAAGATGCCCATGCCTGAGGCTACTGTTCCGGCTGCAGTGC
 TGCTTAGACCAGAGAACACACTTCTCCTCACCTCCAGCGATCCCCCCTGATGGACAGAGTTTCAGGGG
 CTTCTCCTTTGAAAAGGCCCGCCAGCCCTCACAGGCTGACACTGGCGAGGAGGACTCAGATGAAGACTAT
 GAGAAGGTGCCGCTGCCTAACTCGGTGTTGTCAACACGACAGAGTCTGCGAGGTGAAAGGTTGTTCA
 AAGCTACGGACCCCGTGGAGAGCCTCAGGATGGGCTGTATTGCATTCCGAACTCCTCTACCAAGTCAGG
 GAAGGTTTTGGTCGTGTGGGATGAATCTTCAACAAAGTGAGGAATTATCGCATCTTTGAAAAGGATTCT
 AAGTTCTACCTGGAAGGTGAGGTTCTGTTGCCAGTGTGGGCAGCATGGTGGAGCACTACCACCCCATG
 TGCTGCCAGCCATCAGAGCCTGTTGCTGCGGCACCCATACGGCTACGCTGGGCCAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG227553 representing NM_001145858
 Red=Cloning site Green=Tags(s)

MSGGRLQSLLIAPELNSLSGFKDTCPPQVTGSCMWCWSAMSFMAAEEQWPVPMKAIGAQNLLTMPGG
 VAKAGYLHKKGGTQLQLLKWPLRFVIIHKRCIYYFKSSTSASPQGAFSLSGYNRMRAAEETTSNNVFPF
 KIIHISKHRTWFFSASSEDERKSWMALLRREIGHFHEKKEPLDTSDDSDTDSFYGAVERPIDISLSS
 YPMDNEDYEHEDDDSYLEPDSGPMKLEDALTYPPAYPPPPVVPVKPAFSDLPRAHSFTSKSPSPLLP
 PPKRGLPDTGSAPEDAKDALGLRRVEPLRVPATPRRMSDPPMSNVPTVNLKHKPCFRDSVNPGLP
 WTPGHGTSVSSSTTMAVATSRNCDKLKSFHLSSRGPPTEPPPVANKPKFLKIAEESPREAAPVAPV
 PPVAPRPPVQKMPMEATVRPAVLRPENTPLPHLQRSPPDGQSFGRGFSFEKARQPSQADTGEEDSDEDY
 EKVPLPNSVVFVNTTESCEVERLFKATDPRGEPQDGLYCIIRNSSTKSGKVLVWDESSNKVRYRIFEKDS
 KFYLEGEVLFASVGSMEVHYHHTVLPESHQSLLLRHPYGYAGPR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


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:

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](#)

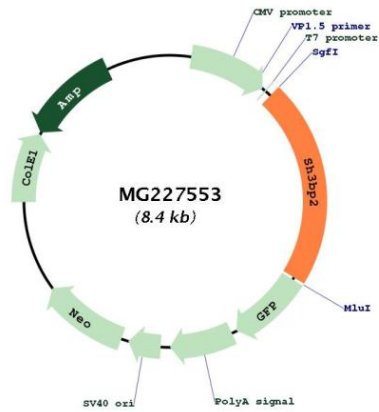
RefSeq Size: 3066 bp

RefSeq ORF: 1812 bp

Locus ID: 24055

Cytogenetics: 5 B2

Product images:



Circular map for MG227553