

Product datasheet for **MG208857**

Sh3bp2 (NM_011893) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp2 (NM_011893) 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)



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ORF Nucleotide Sequence:

>MG208857 representing NM_011893
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCTGAGGAGATGCACTGGCCTGTCCCATGAAGGCCATTGGTGCCAGAATTTGCTGACCATGC
 CTGGTGGTGTGGCCAAGGCTGGTTACTGCATAAGAAGGGTGGCACCAACTGCAGCTGCTCAAATGGCC
 CCTCCGCTTTGTGATCATCCACAAGCGTGCATCTACTACTTCAAGAGCAGCACATCTGCCTCCCCACAG
 GGTGCCTTCTCACTGAGTGGCTACAACAGAGTGTGCGAGCAGCTGAGGAGACCACGTCCAACAATGTCT
 TCCCATCAAGATCATTACATCAGCAAGAAGCACCGAACATGGTTCTTCTCAGCGTCTCTGAGGATGA
 GCGCAAGAGCTGGATGGCCTTGCTACGCAGGAAATTGGCCACTTCCATGAGAAGAAGGAACTACCTCTA
 GACACCAGTACTAGCTCAGACACGGACAGCTTCTATGGTGCAGTTGAGCGACCTATAGATATCAGCC
 TGTCTTCATATCCCATGGACAATGAAGATTACGAACATGAAGATGAGGATGACTCGTACCTGGAGCCTGA
 TTCCCGGGGCCATGAAGCTTGAAGATGCCCTGACCTATCCACCAGCCTACCCACCACCCCTGTGCCT
 GTACCTCGGAAGCCAGCCTTCTCTGACTTGCCCGTGCCCACTCGTTCACCTCTAAAAGTCCAAGTCCCT
 TACTGCCACCCACCTCCTAAGCGAGGCTTCCAGACACTGGCCCTGCCCTGAGGATGCTAAGGACGC
 ATGGGCTGAGGCGAGTAGAGCCTGGCCTCAGGGTGCCTGCCACCCCTCGGAGGATGAGTGACCCCA
 ATGAGCAATGTACCCACCGTGCCCAACCTCCGAAACATCCTTGCTTCCGGGACAGTGTGAATCCCGGCC
 TAGAACCTGGACCCCTGGCCATGGGACTAGCTCTGTCTCCAGCTCTACCACCATGGCCGTTGCCACCTC
 TAGGAAGTGTGACAACTCAAGTCAATCCACCTGTCTCCCGAGGGCCACCCACATCTGAGCCCCACCC
 GTGCCTGCTAATAAGCCAAAGTTCCTGAAGATAGCTGAAGAACCTCCCTGAGGGAGGCAGCCAAGTTTG
 CACTGTGCCCTGTGGCCCCAGGCCCTCCTGTGCAGAAGATGCCATGCCTGAGGCTACTGTTCCGGCC
 TGCAGTGTCTGCCTAGACCAGAGAACACACCTCTTCTCACCTCCAGCGATCCCCCCTGATGGACAGAT
 TTCAGGGCTTCTCCTTTGAAAAGGCCGCCAGCCCTCACAGGCTGACACTGGTGAGGAGGACTCAGATG
 AAGACTATGAGAAGGTGCCGCTGCCTAACTCGGTGTTTGTCAACACGACAGAGTCTGCGAGGTGAAAG
 GTTGTCAAAGCTACGGACCCCGTGGAGAGCCTCAGGATGGGCTGTATTGCATTGGAAGTCTCTACC
 AAGTCAGGGAAGGTTTTGGTCGTGTGGATGAATCTTCTAACAAAGTGAAGTATATCGCATCTTTGAAA
 AGGATTCTAAGTCTACCTGGAAGGTGAGGTTCTGTTTCCAGTGTGGGCAGCATGGTGGAGCACTACCA
 CACCCATGTGCTGCCAAGCCATCAGAGCCTGTTGCTGCGGCACCCATACGGCTACGCTGGGCCAGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG208857 representing NM_011893
 Red=Cloning site Green=Tags(s)

MAAEMHWPVPMKAIGAQNLLTMPGGVAKAGYLHKKGGTQLQLLKWPLRFVIIHKRCIYYFKSSTSASPQ
 GAFSLSGYNRMRAAEETTNNVFPFKIIHISKKHRTWFFSASSEDERKSWMALLRREIGHFHEKKELPL
 DTSDDSDTDSFYGAVERPIDISLSSYPMDNEDYEHEDEDDSYLEPDSGPMKLEDALTYPPAYPPPPVP
 VPRKPAFSDLPRAHSFTSKSPSPLPPPPPKRGLPDTGPAPEDAKDALGLRRVEPGLRVPATPRRMSDPP
 MSNVPTVPLNRKHPFRDSVNPGLPEWTPGHGTSVSSSTTMAVATSRNCDKLSFHLSSRGPPTSEPPP
 VPANKPKFLKIAEESLREAAKFAPVPPVAPRPPVQKMPMPEATVRPAVLRPENTPLPHLQRSPPDQGS
 FRGFSFEKARQPSQADTGEEDSDEYEVPLPNSVFNVTESCEVERLFKATDPRGEPQDGLYCIKNSST
 KSGKVLVWDESSNKVRNYRIFEKDSKFYLEGEVLFASVGSMEVHYHHTVLP SHQSLLLRHPYGYAGPR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_011893
ORF Size:	1677 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_011893.2 , NP_036023.2
RefSeq Size:	2888 bp
RefSeq ORF:	1680 bp
Locus ID:	24055
Cytogenetics:	5 B2