

Product datasheet for **MG222922**

Wnt8b (NM_011720) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Wnt8b (NM_011720) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Wnt8b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG222922 representing NM_011720
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTTCCCATCTCTCAATGTTTGAGTCGCTCACCTGCCTTTCTCCGAAGACCATGTTTCTTATGAAGC
CCGTGTGCGTTCTTCTAGTCACTTGTGTCTTCACCGCAGCCACGCTGGTCAGTGAACAATTTCTGAT
GACCGGTCCAAAGGCTTACCTGGTCTACTCCAGCAGCGTGGCCGCTGGCGCCAGAGTGGTATTGAAGAA
TGTAATAACAGTTTGTCTGGGACCGTTGGAATTGCCCGAGAGAGCTTTACAGCTGTCCAGCCATGGTG
GACTTCGAAGCGCTAACCGGGAGACAGCATTGTGCACGCCATCAGCTCTGCTGGGTTATGTACACCCT
GACTAGAAACTGCAGCCTCGGAGACTTTGACAACGTGGCTGTGATGACTCCCGAAATGGACAACCTGGGG
GGCCAAGGTTGGCTCTGGGGAGGCTGCAGTGACAACGTGGCTTCGGAGAGGCAATTTCCAAGCAGTTTG
TGGATGCCCTCGAGACAGGACAAGATGCCCGGGCAGCCATGAATCTGCACAACAATGAGGCTGGCCGCAA
GGCGGTCAAGGGCACCATGAAACGCACGTGTAAGTGCCACGGTGTGTCCGGCAGCTGCACCACGCAGACC
TGCTGGTTGCAACTGCCAGAGTTCGGGAGGTAGGCGCGCACTTGAAGGAGAAGTATCATGCGGCGCTCA
AGGTGGACCTGCTGCAAGGCGGGCAACAGCGCGGGCGCCGCGGAGCCATCGCCGACACCTTCCGCTC
CATCTCCACCCGCGAGCTGGTGCATCTGGAGACTCCCCAGACTACTGCCTGGAGAACAAGACCCTGGGG
CTGCTGGGCACCGAGGGCCGAGAGTGTCTGCGGCGGGGCGCCCTGGGTCGCTGGGAGCGCCGAGTT
GTCGCCGCTGTGCGGGACTGCGGGCTAGCGGTGGAGGAGCGCCGCGCCGAGACAGTGTCCAGCTGCAA
CTGCAAGTTTCACTGGTGTGCGCGTCCGCTGCGAGCAGTGCCGCCGGGGTACCAAGTACTTCTGCG
AGCCGCGCAGAGCGGCCCCAGAGGCGCTGCGCACAACCGGAAAGAATCTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG222922 representing NM_011720
 Red=Cloning site Green=Tags(s)

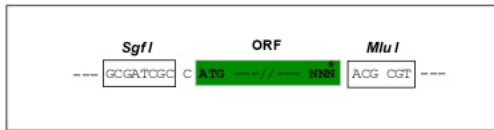
MLPISQCLSRSPCLSPKTMFLMKPVCVLLVTCVLHRSHAWSVNNFLMTGPKAYLVYSSSVAAGAQSIEE
 CKYQFAWDRWNCPERALQLSSHGGLRSANREAFVHAISSAGVMTL TRNCSLGDFDNCGCCDSRNGQLG
 GQGWLWGGCSDNVGFGEAISKQFVDALETGQDARAAMNLHNNEAGRKAVKGTMKRTCKCHGVSGSCTTQT
 CWLQLPEFREVGAHLKEKYHAALKVDLLQGAGNSAAGRGAIAIDTFRSISTRELVHLEDSPTYCLENKTLG
 LLGTEGRECLRRGRALGRWERRSCRRLCGDCGLAVEERRAETVSSCNCKFHWC AVRCEQCRRRVTKYFC
 SRAERPPRGAHHPGKNS

TRTRPLE - GFP Tag - V

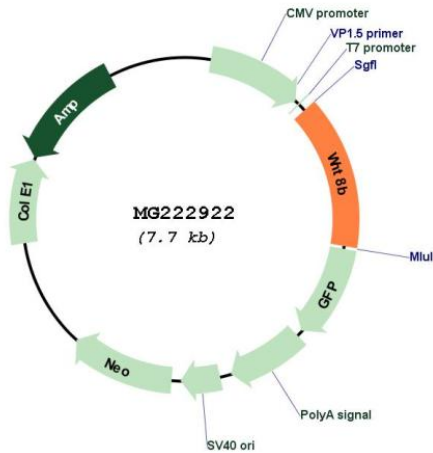
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_011720

ORF Size:	1104 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_011720.3 , NP_035850.2
RefSeq Size:	3376 bp
RefSeq ORF:	1107 bp
Locus ID:	22423
Cytogenetics:	19 37.98 cM