

Product datasheet for **MC217852**

WIs (NM_026582) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WIs (NM_026582) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	WIs
Synonyms:	5031439A09Rik; AI173978; AI987742; Gpr177
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217852 representing NM_026582
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGGCAATTATAGAAAACATGAGTACCAAGAAGCTCTGCATTGTTGGAGGGATTCTTCTGGTTT
 TCCAAATCGTTGCCTTTCTGGTGGGAGGCTTGATCGCTCCAGCACCCACAACAGCAGTACCCTACACGGC
 AATAAAATGTGTGGATGTCGGTAAGAACCACCATAAAACAAGATGGCTGGCGCCTTGGGGACCTAACAAAG
 TGTGACAAGATCCGTGACATCGAGGAAGCAATCCAAGGAAAATTGAAGCAAATGACATTGTTTTCTG
 TACACATCCCCTCCCTTCTATGGAGATGAGTCCATGGTCCAGTTTATGCTGTTTATCTGCAGCTAGA
 CATTGCTTTCAAGCTGAACAACCAATCAGAGAAAATGCAGAAAATTTCCATGGATGTTCCCTGGGTTAC
 CGTGATGATATGTTTTCTGAATGGACTGAAATGGCCCATGAAAGAGTACCACGTAACCTCAAATGACTT
 TTACATCCCCAAGACCCAGAGCACGAAGGTCGTTATTATAATTGTGATGTCCTTCCTTCATGGAAT
 TGGGTCAGTGGCTCATAAGTATTACCTTCAAATATCCGGCTACCTGTAATGAGAAAAAGAAAATCAAT
 GTTGAATTGGGAGATAAAGGACATTCGGTTGGTGGGAATCCACCAAAACGGAGGTTTCACTAAGGTAT
 GTTTTGCTATGAAGACCTTCCTACACCCAGCATCTTCATCATTATGGTGTGGTATTGGAGGAGGATCAC
 CATGATGTCCCGACCTCCAGTGTCTTGGAAAAAGTCACTTTGCCCTTGGGATTTCCATGACCTTTATC
 AATATCCCTGTGGAATGGTTTTCTATTGGATTTGACTGGACCTGGATGCTGTTATTTGGTGACATCCGAC
 AGGGCATCTTCTATGCAATGCTTCTTTCTTGGATCATCTTCTGTGGCGAGCAGATGATGGATCAACA
 TGAACGGAATCACATTGCAGGGTACTGGAAGCAAGTTGGACCAATTGCTGTTGGCTCCTTCTGCCTCTT
 ATATTTGACATGTGTGAAAGAGGAGTACAACACAAAATCCTTTCTACAGTATCTGGACTACAGATGTTG
 GAACGAACTGGCTATGGCTTTTCATCATTGTGGCAGGTATCTGCCTCTGCCTCTATTTCTGTTTCTGTG
 CTTCATGGTATTTTCAGGTATTTAGAAAACATCAGTGGGAAGCAGTCTAGCCTCCCAGCCATGAGCAAAGTC
 CGGAGGCTGCACTATGAGGGTCTGATCTTCAGGTTCAAGTTCTCATGCTTATCACCTTGCTTGTGCTG
 CCATGACTGTTATCTTCTTCATCGTTAGTCAGGTGTCAGAAGGCCATTGGAAATGGGGTGGTGTACAGT
 TCAAGTGAGCAGTCTTCTTCACTGGAATCTATGGGATGTGGAACCTGTATGCTTTGCTTTGATGTTT
 TTGTATGCACCATCCATAAGAACTATGGGGAAGACCAGTCTAATGGTGACCTGGGTGTCCACAGCGGGG
 AAGAACTGCAGCTTACTACCACTATAACCCATGTAGATGGACCAACTGAGATCTACAAGTTGACCCGTAA
 AGAAGCACAGGA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_026582

Insert Size: 1626 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_026582.4](#), [NP_080858.3](#)

RefSeq Size: 2696 bp

RefSeq ORF: 1626 bp

Locus ID: 68151

UniProt ID: [Q6DID7](#)

Cytogenetics: 3 H4

Gene Summary: Regulates Wnt proteins sorting and secretion in a feedback regulatory mechanism. This reciprocal interaction plays a key role in the regulation of expression, subcellular location, binding and organelle-specific association of Wnt proteins. Plays also an important role in establishment of the anterior-posterior body axis formation during development.
[UniProtKB/Swiss-Prot Function]