

Product datasheet for **MC202062**

Wisp1 (NM_018865) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Wisp1 (NM_018865) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Wisp1
Synonyms:	AW146261; CCN4; Elm1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052677 sequence for NM_018865
AAGAGGTAATCCTTGACAAACGCCCCCGGGGGCTGAGGAAGGCTCTCCGCTGCTCTGATGGGCCAGCCCA
GTCGTGGCCAGCTCCCTGGAGAGGCATCCGCATCCTCTGGGCTGAGCCGTAGCTCCTGTGACGCTGACT
TCCAGGCATGAGGTGGCTCCTGCCCTGGACGCTGGCAGCCGTGGCAGTCTGAGGGTGGGCAACATCCTG
GCCACGGCCCTCTCTCAACCCCAACAATGACCTTACCCCAAGCAGCCACTAGAGGAAACGACTACAC
GCCCCGAATTCTGCAAGTGGCCATGTGAGTGCCCAACAATCCCACTCGCTGCCACTGGGCGTCAGCCT
AATCACAGATGGCTGTGAATGCTGTAAGATACGTGCCAGCAGCTTGGGACAACATGCACAGAGGCTGCC
ATCTGTGACCCACACCGGGCCCTCTACTGCGATTACAGTGGGATCGCCGAGGTACGCAATAGGAGTGT
GTGCACAGGTGGTCGGTGTGGGCTGTGTCTGGATGGCGTACGCTACACCAATGGCGAGTCTTCCAACC
CAACTGCAGGTACAACGTACTGCATTGATGGCACGGTGGGCTGCACACCGCTGTGCCTAAGCCCCAGG
CCCCACGCCCTCTGGTGGCCAGCCCCGGCACGTGAGAGTCCCTGGCCAGTGTGTGAGCAGTGGGTGT
GTGATGATGACGCAAGGAGACCACGCCAGACTGCACTGTTGGGCACCAGAGCCTTTCAGCGTCAGGCGC
CGTGGAGCAACGGTATGAGAACTGCATAGCCTACACTAGTCCCTGGAGCCCTGTCTACCACCTGTGGC
CTAGGTATCTCCACTCGGATCTTAACGTCAATGCCCGTGTGGCCAGAGCAGGAAAGTCGCTCTGCA
ACCTGCGGCCATGTGATGTGGACATCCAACATACATCAAGGCAGGGAAGAAATGCCTGGCTGTGTACCA
GCCAGAGGAGGCCACGAACCTTACTCTCGCAGGCTGTGTGAGCACACGCCTACCGACCAAGTACTGC
GGAGTCTGTAAGTACAATAGGTGTTGCATCCCCTACAAGTCCAGGACCATCAGTGTGGATTTCCAGTGT
CAGAGGGGCCAGGTTTCTCCCGCAGGTCTATGGATTAATGCTTGTCTTGAACCTGAGCTGCAGGAA
TCCTAACGATATCTTTGCTGACTTGAATCTTACCCTGACTTCGGAGAGATTGCCAATAGTGGGTGTG
TGGCTCAGGGTAAAGTTCATGCTGAAAGCAGCCAGCCCTTGTGGTCCAGGACTTACAATGAGCCT
TATTTCTACTTCTACTCGATTCTGAATCCCAGTTTCTGTCTCTGTTTGAACAATCGAATGGCCC
AGGAGAGTGTCTCAGGCTCAGACAATGGGTTCTCTTGGGGACATTTACATCATTTCAAGGAAAAC
ACATCTGACTGTTACAATGGAAGCAAAGCCTGGCCAGCTAGTCTGGCTCCAGCCTGGCAAGTGTG
CAGAAGTTGTGATGGGATTGTCCAAGGAAAGCATCAGCTGAAGAACCAGTATCATGAAGTCTTCTCA
GATGCCAAGCCTAGGGATGCTGGGATCCTTTCAGACAGATGGATGGGATTGGGGACACAGGAATAAGCTA
TTATTTTACCCTTGCCAAATGATACTATCCTGGGTATTCTGCCTAAAACATACCAAAAGTGTCTTGT
CCACTGATCTGTATACAAAGTACCAAAACATTTTCCAGGTGAGGACCATAGTTGTGTCATTCTGTTTT
GCTATTGAAAATCATTTTAAAAAGAAAGGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_018865

Insert Size: 1104 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: [BC052677](#), [AAH52677](#)

RefSeq Size: 1865 bp

RefSeq ORF: 1104 bp

Locus ID: 22402

UniProt ID: [O54775](#)

Cytogenetics: 15 29.3 cM

Gene Summary: Downstream regulator in the Wnt/Frizzled-signaling pathway (By similarity). Associated with cell survival. Adheres to skin and melanoma fibroblasts (By similarity). In vitro binding to skin fibroblasts occurs through the proteoglycans, decorin and biglycan (By similarity). Suppresses tumor growth in vivo.[UniProtKB/Swiss-Prot Function]