

Product datasheet for **MC201160**

Frzb (BC016884) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Frzb (BC016884) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Frzb
Synonyms:	fritz, frzb-1, frezzled, Frp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016884
 CGCTTCTTCCAACACCTTTTGGCAACACCCAGAACTCCGAGTCCCTTAACTGAATTTGACTTTTGT
 TATTTCTCTCTGGCTTCTCTTCTGCCCCCTCATCTGATTGATGTGCTAAGGCTGATGTCTCTGCCAGAG
 CGAGAGGAATAAATAGATGCTGCCTCGCCTAGAGGCTTAGACGCTTGGGAAGAGCAGCCGGCGCAGCGAG
 GCACCCGGGCTCCGCCAAGCTAGTGGACCGGACCTGGGAGCACTTGGATCCAAGAGAACTGTGATTGTCCC
 AGGGGTGGGGCAGCTCCCCAGGTCGTTGGGATCACCCCTCGGAACCCGAGGGGGAGACTTCGGAACGAA
 AGTGTCTCCCGCGTCCGTCGCTCGGCTGCGCCCTGCCCATCTGCTGGGACCATGGTCTGCTGCGGCC
 GGGACGGATGCTGCTAGGATGGGCCGGTTGCTAGTCTGGCTGCTCTCTGCTGCTCCAGGTGCCCGGA
 GCTCAGGCTGCAGCCTGTGAGCCTGTCCGCATCCCGCTGTGCAAGTCCCTTCCCTGGAACATGACCAAGA
 TGCCCAACCACCTGCACCACAGCACCCAGGCTAACGCCATCTGGCCATGGAACAGTTTCAAGGGCTGCT
 GGGCACCCACTGCAGCCCGGATCTTCTTCTTCTCTGTGCAATGTACGCACCCATTTGCACCATCGAC
 TTCCAGCAGGAGCCATCAAGCCCTGCAAGTCTGTGTGTGAGCGCGCCGACAGGGCTGCGAGCCATTC
 TCATCAAGTACCGCCACTCGTGGCCGAAAGCTTGGCCTGCGACGAGTCCCGGTGTACGACCGCGCGT
 GTGCATCTCTCTGAGGCCATCGTACCAGCGGACGGAGCGGATTTTCTATGGATTCAAGTACTGGACAC
 TGCAGAGGGGCAAGCAGCAACGTTGCAATGTAAGCCTGTGAGACTACACAGAAGACCTATTTCCGGA
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 ACCTCTGGCTGCCTCTGCCCTCCACTTACTGTCAATGAGGAATATGTCATCATGGGCTATGAAGACGAGG
 AACGTTCCAGGTTACTCTTGGTGAAGGCTCTATAGCTGAGAAGTGAAGGATCGGCTTGGTAAAGAAAT
 CAAGCGCTGGGATATGAAACTCCGACACCTTGGACTGGGTAAGGATGCTAGCGATTCCACTCAGAAAT
 CAGAAGTCTGGCAGGAATCTAATCCCCGGCCAGTACGAAGCTAAATCCTGAAATGTAAGGACACACC
 CACGGACTCCCTTCTAAGACTGGCGTCTGGACTAACAAAGGAAACTGCACAGTTGTGCTCGTGACCG
 ATTTGTTTACCAGACACCGGTGGCTACAGAAGTACTGCTGGTCCCTTTCTCCTGCTTCTTAATGGCCT
 GGGGTTAGATCCCTTAAATATGTTATATATTTTATTTTATCAATCACGTGGGAACTGTTCTTTGCAACCA
 GAATAGTAAATTAATATGTTGATGCTAAGGTTTCTGACTGGACTCCCTGGGTTAATTTGGTGTCTG
 TACCCCGATTGAGAATGCAATGTTTATGTAAGAGAGAATCCTGGTCATATCTCAAGAACTAGATATTG
 CTGTAAGACAGCCTCTGCTGCTGCGCTTATAGTCTTGTGTTTGTATGCCTTTGGCCATTTCCCTCATGCT
 GTGAAAGTTATACATGTTTATAAAGGTAGAACGGCATTGAAATCAGACACTGCACAAGCAGAGTAGCC
 CAACACCAGGAAGCATTATGAGGAAACGCCACACAGCGTACTATTTTCAAGATTGGCAGGCAGCAAA
 ATAATAGTGTGGGAGCAAGAAAAGAATATTTTGCCTGGTTAAGGGGCACACTGGAATCAGTAGCCCT
 TGAGCCATTAACAGCAGTGTCTTCTGGCAACGTTTTTGTATTTGTTTTCATAAATGTATTACAGCAGT
 AGATGAACCTATAACTAGACATCTGTTGTTATCACTATAGCTCTGCTTCCCTTCTAAATCAAAACCCATTGT
 TGGATGCTCCCTCTCCATTTCATAAATAAATTTGGCTTGTGATTGGCCAGGAAAAGAAATATTAAGT
 ATGCATGCATGTGCACCAGGGTGTATTTAACAGAGGTATGTAACCTATAAAAAGACTATAATTTACAGG
 AACTGAAATGTGCACATTTGTTACTTTTTTCTTCTTTTGTCTTTGGGCTTGTGATTTTGGTTTTTGG
 TGTGTTTATGCCTGTATTTTGGGGGGTGGGTAGGTTTAAACCCATTGCACATTCAAGTTGAACTAGATTAG
 AGTAGACTAGGCTCATTGGCCTAGACATTATGATTTGAATTTGTGTTGTTAATGCTCCATCAAGATGTC
 TAATAAAAGGAATATGGTTGTCAGCAGAGACGACAACAACAACAAAATGTTTTTCTTATGTGTGCTGCA
 GTGAGACCCCAACAACCCATGGGGGGGGACCCACGATGCCTTTTCTTCCCTGACGACGAGGATGT
 GCCCATCACCTGAAAGTCTCATTCCCTGAAATTTACACATGTGGTAGTAGTGGTCCAGATTCTAAGCT
 ACAGTGTGCTGAAAAATAAAACAGGTATGAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC016884
Insert Size: 972 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:	<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:	<u>BC016884</u> , <u>AAH16884</u>
RefSeq Size:	2814 bp
RefSeq ORF:	972 bp
Locus ID:	20378
Cytogenetics:	2 48.13 cM
Gene Summary:	Soluble frizzled-related proteins (sFRPS) function as modulators of Wnt signaling through direct interaction with Wnts. They have a role in regulating cell growth and differentiation in specific cell types. SFRP3/FRZB appears to be involved in limb skeletogenesis. Antagonist of Wnt8 signaling. Regulates chondrocyte maturation and long bone development (By similarity). [UniProtKB/Swiss-Prot Function]