

## Product datasheet for **SC214184**

### Frizzled 6 (FZD6) (NM\_001164616) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Frizzled 6 (FZD6) (NM_001164616) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FZD6
Synonyms:	FZ-6; FZ6; HFZ6; NDNC1; NDNC10
ACCN:	NM_001164616
Insert Size:	1387 bp



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<b>Insert Sequence:</b>	<p>&gt;SC214184 3'UTR clone of NM_001164616 The sequence shown below is from the reference sequence of NM_001164616. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CAGGGAGGTGGTTGTCATTTCAGATACTTGAAGAACATTTTCTCTCGTTACTCAGAAGCAAATTTGTGTT ACACTGGAAGTGACCTATGCACTGTTTTGTAAGAATCACTGTTACATTCTTTTGCACCTAAAGTTG CATTGCCTACTGTTATACTGGAAAAATAGAGTTCAAGAATAATATGACTCATTTACACAAAAGTTAA TGACAACAATACCTGAAAACAGAAAATGTGCAGTTAATAATATTTTTTAAATAGTGTGGGAGGACA GAGTTAGAGGAATCTTCTTTTCTATTTATGAAGATTCTACTCTTGTAAGAGTATTTAAAGATGACT ATGCTATTTTACTTTTTGATATAAAATCAAGATATTTCTTTGCTGAAGTATTTAAATCTTATCCTTGT ATCTTTTTATACATATTTGAAAATAAGCTTATATGTATTTGAACTTTTTGAAATCCTATTCAAGTATT TTTATCATGCTATTGTGATATTTAGCACTTTGGTAGCTTTTACTGAATTTCTAAGAAAATTGTA ATAGTCTTCTTTTATACTGTAAAAAAGATATACCAAAAAGTCTTATAATAGGAATTTAACTTTAAAA CCCACTTATTGATACCTACCATCTAAAATGTGTGATTTTTATAGTCTCGTTTTAGGAATTTACAGAT CTAAATATGTAAGTAAATAAGGTGCTTACTCAAAGAGTGCCACTATTGATTGTATTATGCTGCTCA CTGATCCTTCTGCATATTTAAAAATAAATGTCCTAAAGGGTTAGTAGACAAAATGTTAGTCTTTGTAT ATTAGGCCAAGTGCAATTGACTTCCCTTTTTAATGTTTCATGACCACCATTGATTGTATTATAACCA CTTACAGTTGCTATATTTTTGTTTTAACTTTTGTTTTTAACATTTAGAATATTACATTTTGTATTA TACAGTACCTTCTCAGACATTTTGTAGAATTCATTTCCGCGAGCTCACTAGGATTTTGTGAACATTA AAAGTGTGATAGCGATATTAGTGCCAATCAAATGAAAAAAGGTAGTTTTAATAAACAAGACACAACGT TTTTATACAACATACTTTAAAAATTAAGGAGTTTTCTTAATTTGTTTCTTAAAGTATTATTCTTT GGCAAGATTTTCTGATGCTTTTGTATTTCTCTCAATTTAGCATTGCTTTTGGTTTTTTCTCTATTT AGCATTCTGTTAAGGCACAAAACTATGTACTGTATGGGAAATGTTGTAATATTACCTTTCCACATT TAAACAGACAACCTTTGAATACAAAACTTTGTTTGTGTGATCTTTTCTTAATAAAAATATCTTTGT ATAAGAA ACGCGTAAAGCGCCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTGATCCACCGCCCTTCTATGAAAGG</pre>
<b>Restriction Sites:</b>	Sgfl-MluI
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<u><a href="#">NM_001164616.2</a></u>

**Summary:** This gene represents a member of the 'frizzled' gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants, some of which do not encode a protein with a predicted signal peptide.[provided by RefSeq, Aug 2011]

**Locus ID:** 8323

**MW:** 55.2