

Product datasheet for **SC214183**

Frizzled 6 (FZD6) (NM_003506) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Frizzled 6 (FZD6) (NM_003506) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FZD6
Synonyms:	FZ-6; FZ6; HFZ6; NDNC1; NDNC10
ACCN:	NM_003506
Insert Size:	1387 bp



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Insert Sequence: >SC214183 3'UTR clone of NM_003506
The sequence shown below is from the reference sequence of NM_003506. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGGAGGTGGTTGTCATTTCAGATACTTGAAGAACATTTTCTCTCGTTACTCAGAAGCAAATTTGTGTT
ACACTGGAAGTGACCTATGCACTGTTTTGTAAGAATCACTGTTACATTCTTTTGCACCTAAAGTTG
CATTGCCTACTGTTATACTGGAAAAATAGAGTTCAAGAATAATATGACTCATTTACACAAAAGTTAA
TGACAACAATACCTGAAAACAGAAAATGTGCAGGTTAATAATTTTTTTAATAGTGTGGGAGGACA
GAGTTAGAGGAATCTTCTTTTCTATTTATGAAGATTCTACTCTTGTAAGAGTATTTAAAGATGTACT
ATGCTATTTTACTTTTTGATATAAAATCAAGATATTTCTTTGCTGAAGTATTTAAATCTTATCCTTGT
ATCTTTTATACATATTTGAAAATAAGCTTATATGTATTTGAACTTTTTGAAATCCTATTCAAGTATT
TTTATCATGCTATTGTGATATTTAGCACTTTGGTAGCTTTTACTGAATTTCTAAGAAAATTGTA
ATAGTCTTCTTTTATACTGTAAAAAAGATATACCAAAAAGTCTTATAATAGGAATTTAACTTTAAAA
CCCACTTATTGATACCTACCATCTAAAATGTGTGATTTTTATAGTCTCGTTTTAGGAATTTACAGAT
CTAAATATGTAAGTAAATAAGGTGCTTACTCAAAGAGTGCCACTATTGATTGTATTATGCTGCTCA
CTGATCCTTCTGCATATTTAAAAATAAATGTCCTAAAGGGTTAGTAGACAAAATGTTAGTCTTTGTAT
ATTAGGCAAGTGCAATTGACTTCCCTTTTTAATGTTTCATGACCACCATTGATTGTATTATAACCA
CTTACAGTTGCTTATATTTTTGTTTTAACTTTTGTTTTTAACATTTAGAATATTACATTTGTATTA
TACAGTACCTTTCTCAGACATTTGTAGAATTCATTTCCGCGAGCTCACTAGGATTTGCTGAACATTA
AAAGTGTGATAGCGATATTAGTGCCAATCAAATGAAAAAAGGTAGTTTTAATAAACAAGACACAACGT
TTTTATACAACATACTTTAAAAATTAAGGAGTTTTCTTAATTTGTTTCTTAAAGTATTATTCTTT
GGCAAGATTTTCTGATGCTTTTGTATTTCTCTCAATTTAGCATTGCTTTTGGTTTTTTCTCTATTT
AGCATTCTGTTAAGGCACAAAACTATGTACTGTATGGGAAATGTTGTAATATTACCTTTCCACATT
TTAAACAGACAACCTTTGAATACAAAACTTTGTTTGTGTGATCTTTTCATTAATAAAATATCTTTGT
ATAAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_003506.4](#)

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