

Product datasheet for **SC212638**

Smoothened (SMO) (NM_005631) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Smoothened (SMO) (NM_005631) Human 3' UTR Clone
Symbol:	Smoothened
Synonyms:	CRJS; FZD11; Gx; PHLS; SMOH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005631
Insert Size:	1124 bp
Insert Sequence:	>SC212638 3'UTR clone of NM_005631 The sequence shown below is from the reference sequence of NM_005631. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GAACATCATGGATGCAGACTCGGACTTCTAGCCTGCAGAGCAGGACCTGGGACAGGAAAGAGAGGAACC
AATACCTTCAAGGCTCTTCTTCTCACCAGCATGCTTCCCTAGGATCCCGTCTTCCAGAGAACCTGTG
GGCTGACTGCCCTCCGAAGAGAGTTCTGGATGTCTGGCTCAAAGCAGCAGGACTGTGGGAAAGAGCCTA
ACATCTCCATGGGAGGCTCACCACAGGACAGGGCCCTGGAGCTCAGGGTCTTGTCTTCTGCCCTGC
CAGCTGCAGCCTGGTTGGCAGCATCTGCTCCATCGGGGCAGGGGGTATGCAGAGCTTGTGGTGGGGCAG
GAACGGTGGAGGCAGAGGTGACAGTTCCAGAGTGGGCTTTGGTGGCCAGGGAGGCAGCCTAGCCTATG
TCTGGCAGATGAGGGCTGGCTGCCGTTTTCTGGGCTGATGGGTGCCCTTTCTGGCAGTCTCAGTCCAA
AAGTGTGACTGTGTCATTAGTCTTTGTCTAAGTAGGGCCAGGGCACCGTATTCTCTCCAGGTGTT
TGTGGGCTGGAAGACCTGCTCCACAGGGGCCATGCTCTCTTAATAGGTGGCACTACCCAAACC
CATCTTTTGTCTCCTATATCTCTCTTCTGTTCCATTTAGTTTCTCAGCGGTGCCAACCTCT
TTGCGTTTCTTTTGTGATGAGGACCCAGAGCTGCTGCACACACTCACCTCTAACCCCTCCCTCG
CTGCTGGGCCCATCTCCACAGGAGAGACTGGTTAGCTCTAGGGCTCAGTCTGGAGTGGGATAGGAG
CAGTGAGTGACAAAGCCTCTGAAAGATGCATCATCTCTTCTCACACCATTTAGTGGGGATGGGTCC
TCTAGACTTGAGGGGCTACCCTGGGAAGCTGCCGTAGCTTCAAGCAGGCAAGAAAGCTTCTTCAACCT
GCATAGCCGGTGGGTGAGGAGATTCCACCTTCCATAGCCTCCAAACATGTTCCCAAGGCCCACTTTC
AAGAATCAGACAGCAGGAAGCCATAGATGCTGGCTGGGTCCAGGTTATGGGGAGAAGAAATACAGTCA
ATAAAAGGTTTTGTATAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-Mlul
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:	<u>NM_005631.5</u>
Summary:	The protein encoded by this gene is a G protein-coupled receptor that interacts with the patched protein, a receptor for hedgehog proteins. The encoded protein transduces signals to other proteins after activation by a hedgehog protein/patched protein complex. [provided by RefSeq, Jul 2010]
Locus ID:	6608
MW:	40.2