

Product datasheet for **SC209684**

RET (NM_020630) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RET (NM_020630) Human 3' UTR Clone
Symbol:	RET
Synonyms:	CDHF12; CDHR16; HSCR1; MEN2A; MEN2B; MTC1; PTC; RET-ELE1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020630
Insert Size:	890 bp
Insert Sequence:	<p>>SC209684 3'UTR clone of NM_020630</p> <p>The sequence shown below is from the reference sequence of NM_020630. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGAATTTCCCATGCATTTACTAGATTCTAGCACCGCTGTCCCTTTGCACTATCCTTCTCTGTGAT
GCTTTTTAAAAATGTTTCTGGTCTGAACAAAACAAAGCTGCTCTGAACCTTTTATTTGTAATGTC
TGACTTTGCATCCAGTTTACATTTAGGCATTATTGCAACTATGTTTTCTAAAAGGATGTGAAAATAAG
TGTAATTACCACATTGCCAGCACTTAGGATGGTAGAGGAAAAACAGATCAGGGCGGAACCTCTCAGG
GGAGACCAAGAACAGTTGAATAAGGCGCTTCTGGGGTGGGAATCAAGTCATAGTACTTCTACTTTAAC
TAAGTGGATAAATATACAAATCTGGGGAGGTATTCAGTTGAGAAAAGGAGCCACCAGCACCCTCAGCCT
GCACTGGGAGCACAGCCAGGTTCCCCAGACCCCTCCTGGGCAGGCAGGTGCCTCTCAGAGGCCACCCG
GCACTGGCGAGCAGCCACTGGCCAAGCCTCAGCCCCAGTCCCAGCCACATGTCTCCATCAGGGGTAGC
GAGGTTGCAGGAGCTGGCTGGCCCTGGGAGGACGACCCCCACTGCTGTTTTACATCCTTTCCCTTAC
CCACCTTCAGGACGGTTGCACTTATGAAGTCAGTGCTAAAGCTGGAGCAGTTGCTTTTTGAAAGAAC
TGGTCTGTGGTGTGTTTCAATGGACAGTAAATATGGTTCTTGCCAAAACCTCTCTTTTGTCT
TTGATTAATACTAGAAATTTTTCTGTTTCTAACTTCATCATTGATTGTTTGAATCTTGGAGTTTC
AAGCATTTTTTCAAGCTGAGACGGTTCTTTTGCATGCCTCCTGACTCACTGACTCCTCAC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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_020630.6</u>
Summary:	This gene encodes a transmembrane receptor and member of the tyrosine protein kinase family of proteins. Binding of ligands such as GDNF (glial cell-line derived neurotrophic factor) and other related proteins to the encoded receptor stimulates receptor dimerization and activation of downstream signaling pathways that play a role in cell differentiation, growth, migration and survival. The encoded receptor is important in development of the nervous system, and the development of organs and tissues derived from the neural crest. This proto-oncogene can undergo oncogenic activation through both cytogenetic rearrangement and activating point mutations. Mutations in this gene are associated with Hirschsprung disease and central hypoventilation syndrome and have been identified in patients with renal agenesis. [provided by RefSeq, Sep 2017]
Locus ID:	5979
MW:	33.9