

Product datasheet for **SC213879**

Calcium Sensing Receptor (CASR) (NM_000388) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Calcium Sensing Receptor (CASR) (NM_000388) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CASR
Synonyms:	CAR; EIG8; FHH; FIH; GPRC2A; hCasR; HHC; HHC1; HYPOC1; NSHPT; PCAR1
ACCN:	NM_000388
Insert Size:	2000 bp



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Insert Sequence: >SC213879 3'UTR clone of NM_000388
 The sequence shown below is from the reference sequence of NM_000388. 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
ACTGTTACAGAAAACGTAGTGAATTCATAAATGGGAAGGAGAAGACTGGGCTAGGGAGAATGCAGAGAG
GTTTCTTGGGTTCCAGGGAAGAGGAATCGCCCCAGACTCCTTCTCTGAGGAAGAAGGATAATAGA
CACATCAAATGCCCGAATTTAGTCACACCATCTTAAATGACAGTGAATTGACCCATGTTCCCTTTAAA
ATTAATAAAGAAAGAGCCTTGTGTTTCTGTGGTTGCATTTGTCAAAGCATTGAGATCTCCACGGTCAG
ATTTGCTGTTACCCACATCTAATGTCTCTTCTGTTCTATCCACCCAACAGCTCAGAGATGAAAC
TATGGCTTTAAACTACCCTCCAGAGTGTGCAGACTGATGGGACATCAAATTTGCCACCACTAGAGCTGA
GAGTCTGAAAGACAGAATGTCACCAGTCTGCCAATGCCTTGACAACAGACTGAATTTTAAATGTTCA
CAACATAAGGAGAATGTATCTCCTCTATTTATGAAAACCATATGATATTTTGTCTCTACCTGCTGCT
GCTATTATGTAACATCCAGAAGGTTTGACCCCTCCTATACCATATGTCTGCTTCTGTCCAGGACATGA
TACTGATGCCATGTTTAGATTCCAGGATCAAGAATCACCTCAAATTTAGGAAGGGACTGCATAAAA
CCAATGAGCTGTATCTGTAATTAATATTCTATATGTAGCTTTATCCTTAGGAAAATGCTTCTGTTGTA
ATAGTCCATGGACAATATAAACTGAAAAATGTCAGTCTGGTTTATATAAGGCAGTATTATTGAGCTCTA
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CCAGAAGTCCCTCCCATCTACCCAAAGAATCCTGAAGCCAGATCCACCCTATCCCTGTACAGAGT
AAGTTCCTCAATTATTGGCCTGCTAATAGCTGCTAGGGTAGGAAAGCGTGGTTCCAAGAAAGATCCACCC
TCAAATGTCAGAGCTATGTTCCCTCCAGCAGTGGTATTAATACTGCCGGTCAACCAGGCTCTGGAGCCA
GAGAGACAGACCGGGTTCAAGCCATGGCTTCGTCATTTGCAAGCTGAGTGACTGTAGGCAGGGAACCT
TAACCTCTCTAAGCCACAGCTTCTTCATCTTTAAATAAGGATAATAATCATTCTTCCCTCAGAGCT
CTTATGTGGATTAACGAGATAATGTATATAAAGTACTTTAGCCTGGTACCTAGCACACAATAAGCATT
CAATAAATATTAGTTAATATTACTGATACTGTAATAATTATTTTTCCCTTACTTCAAATACAAAA
CAAAACATACATATTAACCATTAGATTGTAAGTGCCTAGCCCACTGATCACAATCACTCTCTGTAAAT
AAGCCCAAGAGCTCTGGGCCAACACATGGGGTCAGCCATAGTATCACTGGCTCATGGTGAGGAAGCCA
GAAAGCTGGTCAAGCCCTCAGGTGGCCCAATGCCCTGTCTCCGAGTGTCAAGGCCTGGACCTCCAGCA
TCCAGGGAAGACCATACCAGTCTAGCAGGAGTTCTAAGCTGAGCCAAACCATTGCAATTAATCTC
CTGAAGCCTCAAATTTACAGCTCTTGGTACTTCTCCCTGACCACTTCTTCCAAAGGGGCGCCTT
TCAGTGATTTGTAGGGCAAATTTGGTGGACTTGATAGTTGTTAAGATTATAATGAGAAATCATTAGAGGG
CACCATGTGGGAGCGGACTGTGAGCAGAAGGTGGTACTCAGGATGACCCAAGTGAGGTGCCTGTCTCC
CCACCTAGGAAGGGCACCGGCCCCACCCAGCCTGCGCCCCCTGCAGTCATGCCTCTGAGCAAGGCAC
CGAGCTGAGTGGGGATTATATTTAACATTTTACTTGGTCTTAAAGAAATGCTGAAAATGTGATGGT
ACGCGTAAGCGGCCGCGGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_000388.4](#)

Summary: The protein encoded by this gene is a plasma membrane G protein-coupled receptor that senses small changes in circulating calcium concentration. The encoded protein couples this information to intracellular signaling pathways that modify parathyroid hormone secretion or renal cation handling, and thus this protein plays an essential role in maintaining mineral ion homeostasis. Mutations in this gene are a cause of familial hypocalciuric hypercalcemia, neonatal severe hyperparathyroidism, and autosomal dominant hypocalcemia. [provided by RefSeq, Aug 2017]

Locus ID: 846

MW: 74.2