

Product datasheet for **RN201256**

Sec16b (NM_053571) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sec16b (NM_053571) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sec16b
Synonyms:	Lztr2; Rgpr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201256 representing NM_053571 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGAACCTTTGGGTTCTCAGACACAAGGAAGGACCACGGGACTATCAAGGGATGCAAAATAGAAGACTTC
AGAGTGGACATTATAGACCCCGTCTCACCTCAGTACAGCGGAGATAACTACCACCAATGGCAGGATGC
CCACAAGAACTCAAAGCCACAGCAGGACCCAGGGATGACCACCAACAGCCACACTATGTACCCAGGAGT
GGGAGTGGTCCCAGCCTGTGTCTGGAGCTGACTACTTGAAGGATCTTATCCAGTCACCCATACTCAA
GGTCAGGCTACGAGGACCCCTATCAGAGCTACCACACTCCAACACCGAGGGATGAGTACGCTTATGGAAA
TTACTACTACCACGGGCATCCACAGCTGCCGCAAGGAGAAAGAGTGGCAAGGCAAGGGAGTCCTTATATC
TGGCATGAAGATCACAGAGACCAAAGGCACTTCAGTGAGCATCATTGGGAAAAGCACAACAGTACATTTG
AAGCAAACAGTGACACCAATTCCAATTTACCAGTAAGAATCCATACAATGACAACCCCTGCTTCCGCGTT
TGGACTGGAGCAGCCTGGGGAGTTCTTTCCAGAGAGTGGAGCCCAGAAACAAAAGCCATCGTTGACCAGC
AAATCCAACCTTCTCCGACAGCATGAGTCTGGGCTCAGCTCTAGTAGCTATGAGCTCAGTCAGTACATGA
CCGAGGCCCTGAGCAGTATGAACCTATGGTGTGACGAACTTGGAGGCCTATTCAAGCTGATGACACCTC
AGCGACCGTTCCCAAGGCACCCATGAGGTTCTACGTTCCCAACGTGTCTGTGAGCTTTGGGCCAGGAGGC
CAGCTGATATGCGTGTCCCCAACTCTCCTGCTGATGGACAAACGGCCCTTGTGAAGTGCACAGCATGG
AGGTTATACTTAATGATTTTGAGGATCAAGAGGAGATGAGAGCTTTCCAGGGCCCTCATCAGGGAGGA
CATACACAAGGTGGATATCATGACATTTTGTGAGAAGAAAGCAGCTCAGTGTCTCAAATCTGAGACGCCA
GGGAGCAGGGACTCAGCTCTGCTTTGGCAACTGCTGGTTCTCCTTTGTCGACAGAATGGTCCATGGTGG
GGTCTGACATTGCCGAGCTGCTGATGCAAGACTGCAAGAAGCTGGAGAAGTACAAGAGGCAGCCCCCTGT
AGCCAACCTCATCAACCTGACTGACGAGGACTGGCCGGTGTGAGCTCTGGGACTCGCAACCTGCTCACT
GGGAGATTCCCCCAATGTGGATACGCTGCGCAGATCGTGGAGAAATCACCAAGCTGCTCTACTATG
GAAGGAAGAAGGAAGGCCTTGAATGGGCTATGAAGAACCACTTGTGGGCAATGCCTTGTTCCTAGC
CAGTAAGATGGATCCAAGGACCTACAACGGGTGATGAGTGGCTTCACTACTACGCTGGCGCTCAATGAC



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CCTCTGCAGACCTCTTCCAGCTCATGTGAGGAAGGATTCCACAAGCAGCCACGTGTTGTGGAGACAAAC
 AGTGGGGAGACTGGCGGCCCCATTTGGCTGTGATCCTGTCAAATCAGGCCGAGAGCGAGAGTTGTACCA
 GCGAGCGATTGTGAGCATGGGGGACACCTGGCTGGAAAAGGGCTTGTGGAGGCATCTCACTTCTGCTAC
 CTCATGGCTCACGTGCCCTTCGGCCACTATACGGTGAAGACAGACCATCTGGCCTTGGTGGGCAGTAACC
 ACAGTCAAGAGTTTTTGAATTTGCAACAATTGAGGCTATCCAGCGGACGGAAATCTTCGAGTACTGCCA
 GATGCTGGGCGGCCCAAATCCTTCATCCCGTCCTTCCAGGTGTATAAGCTCCTTTATGCTTCCCGTCTG
 GCAGATTACGGCTGGCATCCCAAGCCTTGCAATTACTGTGAAGCCATTGGTGCAGCTGTCTGAGCGAGG
 GAGGGAGCAGTCACCCCGTGCTATTAGCGGAGCTCATCAAGCTTGCAAGAACTGAAGCTGTCGGATCC
 TCTGTTTTAGAAAGCCCGCTGGGACAGGCTCTGGAACCGGATTGGCTTGTGCAACTGCGGAGGAAG
 CACAAGGAACTGGAGCAAAGTAGAACTGGAGACCTCAGAGATCCTGATCTGACTCCTTCAGATATTTATG
 GAGCCAGAAGAACAACAGACACTCCCTACCGCATCTTTATGGCCAGCAAAGTACTCAGAAGACTCTGA
 GTACAGCTCAGCCTTGTGGCCAACTCTGAGCAGACAAGCCTGACCAATCCCAACCCACAGCAGCCTTTC
 CCCCTGCAGCGAGATACCTACTCAGAGAGAGATGGCCAGTACACATGGGACCCCACTGCCTCTTTACT
 CAGTTCCTGCAACCCACCTGACAGTGATTAGTGGCTCCAGTAGTGGCAGCGGTGTGGCAGTGACAGGGGC
 TCCTGGAGGAAGGTTGGAGAGGAGATGCTGCAGAAACATCCTGCCCTTGAGAGAACACAGTGCCTCAA
 GAAGCCGTGCAGGATCCTGATGGTCTAGCAGTCATTTCCAGTCTCAGACACCACTGGCTCCCAGGGATC
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 ACCACCTCACCTGACGCTTACAGAAAGAAAAGCTGAGAGATGGGAAGAATACAAAGAGCTCTGGATTCT
 GGCTGGTTCAGCTGGTTTCGATCAAAGCCTGCCAGCAGTGTGTCCACCTCTGGAGATGAAGACTCTGTGG
 ACAGTTCTGACTCAGAGGAGTCTCCAGAGCATCACCTCCTCACCATGCCAGCCTGGGCCTCTCACCAAC
 ACCTCCTCTCTCATCCCCATCTGCCAGGTGCCAGCACCTTCCCGAGAGGCACAGGTGGGAATAGTCTC
 CAGGGATCCTCAAACAGCAGTGAATGGCTGAAGGCGTGGGATTGGAGGGTTCTCGGGGCCACAGGGCG
 TTTCTTCTGAGTTCTACTCCAGCCTGGTGCCTGCCTCCTCCACCTACCTTGCAAGGTGCTGTTCTCTCT
 CTACAATCCATCTCAGGTCCCTCAGCTTCCCACTGCTAGTAGCCTGAACCGGCCAAACCGCTAGCCAG
 CGCCGCTACCCAAGCCAACCATGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053571
Insert Size:	3177 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_053571.1, NP_446023.1</u>

RefSeq Size: 4378 bp
RefSeq ORF: 3177 bp
Locus ID: 89868
UniProt ID: [Q75N33](#)
Cytogenetics: 13q22
Gene Summary: binds regucalcin gene promoter region [RGD, Feb 2006]