

Product datasheet for **SC122418**

LZTR2 (SEC16B) (BC009106) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LZTR2 (SEC16B) (BC009106) Human Untagged Clone
Tag:	Tag Free
Symbol:	LZTR2
Synonyms:	DKFZp686C2486; FLJ23871; FLJ25761; FLJ33652; FLJ36620; leucine zipper transcription regulator 2; LZTR2; PGPR-p117; regucalcin gene promotor region related protein; RGPR; RGPR-p117; SEC16 homolog B (S. cerevisiae); SEC16S
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

>OriGene sequence for BC009106 edited

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GTGGGAATTTGGATGATTTCTCATGAAGATAAAATAACTGCACAACCTTACTCAAAACCCA
GGACAAATTCAGAGAGTCAAGGATGGAACCTTTGGGCTCCCAGAGGCTGCCCCAGACACG
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TGGGAGCCCCAGCCACAGCAGGAGCCAGGGCAGACCATCAGCAGCAGCCCCATTATGC
ATCCAGGCCAGGGGACTGGCATCAGCCTGTGTCTGGAGTTGACTATTACGAAGGTGGTTA
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CAGCAGCTATGAGCTCAGTCAGTACATCAGAGATGCCCCGGAGCGGGATGATCCCCAGC
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CCTATTTGGGATTGTTATCTGTGCAGGTCTGTGCAAGGAGATGCCCCGTGGGCCCCACA
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CCTGGGCTGTTCTGAGAGCCTACCCAGGCAAACTGGAAGTGAAGAAAGTTTATGTTT
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CCTGCTGACATTCTCTGTTGGCCATAGCATTAGGCTTTTCTGCAGGAGGCCCTCAAT
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AGTCAGCCTGCAAGCCCTTTTAACTGTTGCACCACACTGCCTACCACTGAGGCAGTGTA
CCCAGCTCATTGCCTGTTCTTCCAGGTTCTGTCTCTGATAGCACATGGCTAGCTTGT
CAAAGAATCCCTTCTGTGCCAAATGTACAATAAGTGTGTATGGGCTAATATGTCTCCCT
CCTATGTTTACGTTGTTTATGTTGAATGAGGAAATCTTGGAATAAAGTCTACCCCC
AGGAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for BC009106 unedited <pre> NGGCCCCGTTTCAGATTTGTATACGACTCACTATAGGCGGCCGCGATTTCANATCTGGTACCG GTCCGGAATTCCTCGGATATCGTCGACCCACGCGTCCGGTGGGAATTTGGATGATTTCTC ATGAAGATAAAATAACTGCACAACCTACTCAAAACCCAGGACAAATTCAGAGAGTCAAGG ATGGAACCTTTGGGCTCCCCAGAGGCTGCCCCAGACACGAGGGAAGGCCACAGCACCTCA AAGGATCCAGACCGAGGGTTTCGGAGAGATGGACATCATCGGCCTGTCCCTCACTCTTGG CACAATGGAGAGAGGTTTCACCAATGGCAAGACAACCGTGGGAGCCCCCAGCCACAGCAG GAGCCCAGGGCAGACCATCAGCAGCAGCCCCATTATGCATCCAGGCCAGGGGACTGGCAT CAGCCTGTGTCTGGAGTTGACTATTACGAAGGTGGTTATCGCAATCAGTTGTATTCAAGG CCAGGTTATGAGAATTCATATCAGAGCTATCAGTCTCCCAATGAGGGAGGAATATGCT TATGGAAGTTATTACTATCATGGACACCCACAGTGGCTGCAGGAAGAAAGAGTGCCAAGG CAACGGAGTCCTTATATCTGGCAGCAAGATTACCGAGAGCAAAAGTACCTTGATGAACAT CATTATGAAAACCCAGCACAGTCCATTTGGAACAAATAGTGAGACCCACTTCCAATCTAAC AGTAGGAACCTTGTAAGACAGCCCTGCTTCCAACCTGAGCAGGAGTGGCCGNGGAG CTGTTTCCAGGGAGCCTGCTTGCTGAGGCCNAGAAAATAGCCGTCATTGGCTAGTGAGT CCAACCTCTNCAGCAGCGTGAGTCTGGTCTCAGCTCCAGCAGCTA </pre>
Restriction Sites:	Please inquire
ACCN:	BC009106
Insert Size:	2959 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:	BC009106.1 , AAH09106.1
RefSeq Size:	2959 bp
Locus ID:	89866
Cytogenetics:	1q25.2
Gene Summary:	SEC16B is a mammalian homolog of <i>S. cerevisiae</i> Sec16 that is required for organization of transitional endoplasmic reticulum (ER) sites and protein export (Bhattacharyya and Glick, 2007 [PubMed 17192411]).[supplied by OMIM, Jun 2009]