

## Product datasheet for **SC127109**

### Membrin (GOSR2) (BC034762) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Membrin (GOSR2) (BC034762) Human Untagged Clone
Tag:	Tag Free
Symbol:	Membrin
Synonyms:	Bos1; golgi SNAP receptor complex member 2; GS27; MEMBRIN; membrin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127109 sequence for BC034762 edited (data generated by NextGen Sequencing) ATGGATCCCCTGTTCCAGCAAACGCACAAGCAGGTCCACGAGATCCAGTCTTGCATGGGA CGCCTGGAGACGGCAGACAAGCAGTCTGTGCACATAGTAGAAAACGAAATCCAAGCAAGC ATAGACCAGATATTCAGCCGTCTAGAACGTCTGGAGATTTTGTCCAGCAAGGAGCCCCCT AACAAAAGGCAAAATGCCAGACTTCGGGTTGACCAGTTAAAGTATGATGTCCAGCACCTG CAGACTGCGCTCAGAACTTCCAGCATCGGCGCCATGCAAGGGAGCAGCAGGAGAGACAG CGAGAAGAGCTTCTGTCTCGAACCTTCACCACTAACGACTCTGACACCACCATAACCAATG GACGAATCACTGCAGTTAACTCCTCCCTCCAGAAAGTTCACAACGGCATGGATGACCTC ATTTTAGATGGGCACAATATTTTAGATGGACTGAGGACCCAGAGACTGACCTTGAAGGTG GGGTCCCTGCTGGGGACAGAGAGAAGGCCTCTTGTGTTTAGCCTCATCCAACAGTTTAGT AACTGTGTTTATATTTTGATTACGTGCCTCAAATTGTGATATTTGA

Clone variation with respect to BC034762.1



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for BC034762 unedited TTGGGATTTGTATACGACTCACTATTAGGGCGGCCGCGATTCCCAGGGTGGCCTGCCGGG CCGGCGACATGGATCCCCTGTTCCAGCAAACGCACAAGCAGGTCCACGAGATCCAGTCTT GCATGGGACGCCTGGAGACGGCAGACAAGCAGTCTGTGCATAGTAGAAAACGAAATCC AAGCAAGCATAGACCAGATATTCAGCCGTCTAGAAGCTCTGGAGATTTTGTCCAGCAAGG AGCCCCAATAAAAAGGCAAAATGCCAGACTTCGGGTTGACCAGTTAAAGTATGATGTCC AGCACCTGCAGACTGCGCTCAGAACTTCCAGCATCGGGCCATGCAAGGAGCAGCAGG AGAGACGCGAGAAGAGCTTCTGTCTCGAACCTTCACTAAGACTCTGACACCACCA TACCAATGGACGAATCACTGCAGTTAACTCCTCCCTCCAGAAAGTTCACAACGGCATGG ATGACCTCATTTTAGATGGGCACAATATTTAGATGGACTGAGGACCCAGAGACTGGACC TTGAGGTGGGTCCTGCTGGGGACAGAGATGAGGCCTTTGTTTTAGCCTCATCCAAC AGTTTAGTAAGTGTGTTATATTTGATTACGTGTCTCAAATTGTGATATTTGATGAN CAGACAGAGCCCTTGAGTTGGGATCCTTTCTGTTGGAGTTGAGTTATTGTGAGCCTNG AAGTACCCAGTTTCTTTGCCAGTCTTTGAACANACCATGAAGTGGCCTCTCTTTAGATC CAGGGTCTTTCCATTTACTGAAGTTATCATGAAAGTGAAGTACTACGAGGGGTCAA TCACAGGCTGAGGAAATGTGTACAGAATCTACTCCTGGNAGAATGAAGACGTGGCTGTC CTTGGTACTCGCTTTAAGGTGGCTTTCCCTTAGGACCTACT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	BC034762
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">BC034762.1</a> , <a href="#">AAH34762.1</a>
<b>RefSeq Size:</b>	2209 bp
<b>RefSeq ORF:</b>	588 bp
<b>Locus ID:</b>	9570
<b>Cytogenetics:</b>	17q21.32
<b>Domains:</b>	V-SNARE
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	SNARE interactions in vesicular transport

**Gene Summary:**

This gene encodes a trafficking membrane protein which transports proteins among the medial- and trans-Golgi compartments. Due to its chromosomal location and trafficking function, this gene may be involved in familial essential hypertension. [provided by RefSeq, Mar 2016]