

Product datasheet for **SC305749**

BSND (NM_057176) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BSND (NM_057176) Human Untagged Clone
Tag: Tag Free
Symbol: BSND
Synonyms: BART; DFN73
Mammalian Cell Selection: None
Vector: pCMV6-XL6
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_057176 edited
GGCTGGGTGTGGTCCGTTGAAGCGAGCCGCTCCAGCCCTGTTGAACTGGTGGGCCAG
GGACTGGAGCGGGATTGAAAGGATCTTGCTCTCCCTGAAGCCTCGAGTTGCAGCGATT
TCAGTGTCTTCTCCTCGTGTAAAGCCTGTCTGGGTGTTTAGGCTGAACTACAGCCACCC
CCTCTCCCGGGGTGTGACAGCCAGGGACTGGCCAGGCAGCCATGGCTGACGAGAAGACC
TTCCGGATCGGCTTCAATTGTGCTGGGGCTTTTCTGCTGGCCCTCGGTACGTTTCTCATG
AGCCATGATCGGCCCCAGGTCTACGGCACCTTCTATGCCATGGGCAGCGTCATGGTGATC
GGGGGCATCATCTGGAGCATGTGCCAGTGCTACCCCAAGATCACCTTCGTCCTGCTGAC
TCTGACTTTCAAGGCATCCTCTCCCAAAGGCCATGGGCCTGCTGGAGAATGGGCTTGCT
GCCGAGATGAAGAGCCCCAGTCCCCAGCCGCCATGTAAGGCTGTGGGAGGAAGCCGCC
TATGACCAGAGCCTGCCTGACTTCAGCCACATCCAGATGAAAGTCATGAGCTACAGTGAG
GACCACCCTCCTTGCTGGCCCCGAGATGGGGCAGCCGAAGCTGGGAACCAAGTATGGA
GGAGAAGGTGGCCCTGGCGACGTTCAAGGCTGGATGGAGGCTGCCGTGGTTCATCCACAAG
GGCTCAGACGAGAGTGAAGGGGAAAGACGCCTAACTCAGAGCTGGCCCCGGCCCCCTGGCC
TGTCCCCAGGGCCCTGCCCTTGGCTTCTTCCAAGATGACCTGGACATGGACTCCAGT
GAAGGCAGCAGCCCCAATGCATCTCCACATGACAGGGAGGAAGCTTGTCCCCACAACAG
GAACCTCAGGGCTGCAGGTGCCCGCTGGACCGCTTCCAAGACTTGGCCCTGATTGATGCC
CCAACGTTGGAGGATGAGCCCCAAGAGGGGCAGCAGTGGGAAATAGCCCTGCCAACAAC
TGGCAGCGGTACCAAGGACAAAGGTGGAGGAGAAGGAGGCTTCGGACACAGGTGGGGAG
GAACCTGAGAAGGAAGAGGAAGACCTGTACTATGGGCTGCCAGATGGAGCCGGGGACCTC
CTCCCGGACAAGGAGCTGGGTTTTGAGCCTGACACCCAAGGCTGAGATGTTTGTGCTCCG
TAGCTTCTAGTCTGGAAGTGTGCTGACCCCTGTGTGACATCACAGGGCCTCAGTTTCCC
TATCTGAAAAATGGGATGATATGGAGGTTCAATGAGATGGTGGCATTGAGAATGGTAA
AGAAATACACAGGGAGGG

Restriction Sites: Please inquire



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ACCN:	NM_057176
Insert Size:	1300 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_056176.2.
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:	<ol style="list-style-type: none">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:	NM_057176.2 , NP_476517.1
RefSeq Size:	1396 bp
RefSeq ORF:	963 bp
Locus ID:	7809
UniProt ID:	Q8WZ55
Cytogenetics:	1p32.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	This gene encodes an essential beta subunit for CLC chloride channels. These heteromeric channels localize to basolateral membranes of renal tubules and of potassium-secreting epithelia of the inner ear. Mutations in this gene have been associated with Bartter syndrome with sensorineural deafness. [provided by RefSeq, Jul 2008]