

Product datasheet for **SC122319**

B9D1 (BC002944) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	B9D1
Synonyms:	B9; B9 protein; B9 protein domain 1; endothelial precursor protein B9; EPPB9
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC002944 edited <pre> GTGTCCTGCGCGCTACGCCGTCTGTTTCTAGGGCAACGCCGGCTCTCTTAGCAACCGCG CGCGGCCTAGGTGGGTCCCCCGGCACCCCAAGACCTGCCATGGCGACCGGAGTCCTAG CGTCTTTCTACTCATGGTCAACGGGCAGGTGGAGAGCGCCAGTTTCCAGAGTATGATGA CCTCTACTGCAAGTACTGCTTTGTGTACGGCCAGGACTGGGCCCCACAGCGGGTCTGGA GGAGGGGATCTCACAGATCACATCCAAGAGCCAAGATGTGCGGCAAGCACTGGTGTGAA CTTCCCCATTGATGTCACCTTTAAAAGCACCAACCCCTACGGCTGGCCACAGATCGTGCT CAGCGTGTATGGACCAGATGTGTTTCGGGAACGATGTGGTTCGAGGCTATGGGGCCGTGCA CGTGCCCTTCTACCTGGCCGGCACAAAAGGACCATCCCCATGTTTGTCCAGAACTAC GTCTAACTGCAGAAGTTTACAAGTTTGTGCCTGGTCGCCTCCTCAGATCTGCAAGCTGC TCCACCCACTGAGGACAAATAGAAACAGGTCCCCTGGGAGTGCTGAGTCACGGGGCTCCC TTCAGCCCTGTTCCAGCAGCAGAAGGCCGGGCGATTTTACCCTGTGCCCTGTGAAAAATC TTTGTGTCTGAGGGAGCAGAGGAAAACTTTGTGAGATGGGAAAAATGCTCATGACATA ATGTGACATTAAGGTGGGAAACAAGAGGATATAAAAAAAAAAAAAAAAAAAAAA </pre>



5' Read Nucleotide Sequence:	>OriGene 5' read for BC002944 unedited <pre> GGTCAAAATTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGGTGTCTGCG CGCTACGCCGTCTGTTTCTAGGGCAACGCCGGCGTCTCTTAGCAACCGCGCGGCCCTAG GTGGGTCCCCCGGCACCCCCAGACCTGCCATGGCGACCGCGAGTCTAGCGTCTTTCTA CTCATGGTCAACGGGCAGGTGGAGAGCGCCAGTTTCCAGAGTATGATGACCTCTACTGC AAGTACTGCTTTGTGTACGGCCAGGACTGGGCCCCACAGCGGGTCTGGAGGAGGGGATC TCACAGATCACATCCAAGAGCCAAGATGTGCGGCAAGCACTGGTGTGAACTTCCCCATT GATGTACCTTTAAAGCACCAACCCCTACGGCTGGCCACAGATCGTGTCTCAGCGTGTAT GGACCAAGATGTGTTTCGGGAACGATGTGGTTCGAGGCTATGGGGCCGTGCACGTGCCCTTC TCACCTGGCCGGCACAAGAGGACCATCCCCATGTTTGTCCAGAATCTACGTCTAAACTG CAGAAGTTTACAAGTTTGTGCTGGTCGCTCCTCAGATCTGCAAGCTGCTCCACCCACT GAGGACAAATAGAAACAGGTCCCCTGGGAGTGCTGAGTCACGGGGCTCCCTTCAGCCCTG TTCCAGCAGCAGAAGGCCGGGCGATTTTACCCTGTGCCCTGTGAAAAATCTTTGTGTCTG AGGGAGCAGAGGAAAACTCTTGTCAGATGGGAAAAATGCTCATGACATAATGTGACATT AAAAGGTGGGAAACNNAGAGATATAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCCG CGGTCAAGCTGTTTCCTGACAGATCCGGGTGGCATCCCTGTGACCCNTCCCCATGCCTC TCTGGCCTGGAAGTGCCATCCGTGCCACAGCCTTGTCTATAAAATAGTGCATATT </pre>
Restriction Sites:	Please inquire
ACCN:	BC002944
Insert Size:	781 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC002944.2 , AAH02944.1
RefSeq Size:	772 bp
Locus ID:	27077
Cytogenetics:	17p11.2

Gene Summary:

This gene encodes a B9 domain-containing protein, one of several that are involved in ciliogenesis. Alterations in expression of this gene have been found in a family with Meckel syndrome. Meckel syndrome has been associated with at least six different genes. This gene is located within the Smith-Magenis syndrome region on chromosome 17. [provided by RefSeq, Mar 2016]