

Product datasheet for **SC121516**

B9D1 (NM_015681) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B9D1 (NM_015681) Human Untagged Clone
Tag:	Tag Free
Symbol:	B9D1
Synonyms:	B9; EPPB9; JBTS27; MKS9; MKSR-1; MKSR1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015681, the custom clone sequence may differ by one or more nucleotides

ATGGCGACCGGAGTCCTAGCGTCTTTCTACTCATGGTCAACGGGCAGGTGGAGAGCGCCAGTTTCCAG
AGTATGATGACCTCTACTGCAAGTACTGCTTTGTGTACGGCCAGGACTGGGCCCCACAGCGGGTCTGGA
GGAGGGGATCTCACAGATCACATCCAAGAGCCAAGATGTGCGGCAAGCACTGGTGTGGAACCTCCCCATT
GATGTACCTTTAAAAGCACCAACCCCTACGGCTGGCCACAGATCGTGCTCAGCGTGTATGGACCAGATG
TGTTGGGAACGATGTGGTTCGAGGCTATGGGGCCGTGCACGTGCCCTTCTCACCTGGCCGGCACAAAAG
GACCATCCCCATGTTTGTCCAGAATCTACGTCTAAACTGCAGAAGTTTACAAGCTGGTTCATGGGGCGG
CGGCCCGAGTACACAGACCCCAAGGTGGTGGCTCAGGGTGAAGGCCGGGAAGTGACCCGTGTCCGTTCTC
AGGGCTTTGTACCCCTCCTCTTCAACGTGGTGACCAAGGACATGAGGAACTGGGCTATGACACTGGGCC
TTCTGATACACAGGGTGTGTTGGGGCCAGCCACCCAGAGCTTCCCCAGTGA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015681 unedited <pre> NGGATAACGTCAGTATTGTAACAGACTCATATAGGCGGCCGCCATTTCGGCACGAGGTGTC CTGCGCGCTACGCCGTCTGTTTCTAGGGCAACGCCGGCGTCTCTTAGCAACCGCGCGCGG CCTAGGTGGGTCCCCCGGCACCCCAAGCTGCCATGGCGACCGCGAGTCCTAACGTCT TTCTACTCATGGTCAACGGGCAGGTGGAGAGCGCCAGTTTCCAGAGTATGATGACCTCT ACTGCAAGTACTGCTTTGTGTACGGCCAGGACTGGGCCCCACAGCGGGTCTGGAGGAGG GGATCTCACAGATCACATCCAAGAGCCAAGATGTGCGGCAAGCACTGGTGTGGAATTC CCATTGATGTACCTTTAAAGCACCAACCCCTACGGCTGGCCACAGATCGTGCTCAGCG TGTATGGACCAGATGTGTTTCGGGAACGATGTGGTTCGAGGCTATGGGGCCGTGCACGTGC CCTTCTCACCTGGCCGGCACATAAAGACCATCCCCATGTTTGTCCAGAATCTACGTCTA AACTGCAGAAGTTTACAAGTTTGTGCTGGTCGCCTCCTCAGATCTGCAAGCTGTCCAC CCACTGATGACAAATAGAAACAGGTCCCCTGAGAGTGCTGAGTCACGGGGCTCCCTTCAG CCCTGTTCCAGCAGCAGAAGGCCGGGCGATTTTACCCTGTGCCCTGTGAAAAATCTTTGT GTCTGACGGAGCATAGGAAAACTCTTGTGAGATGGGAAAAATGCTCATGACATAATGTG ACATTAAGGTGGGAACAAGATGATATAAAAAATAGAAAAAACTCGACTCTAGATT GCAGCCGC </pre>
Restriction Sites:	Please inquire
ACCN:	NM_015681
Insert Size:	800 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:	NM_015681.2 , NP_056496.1
RefSeq Size:	945 bp
RefSeq ORF:	615 bp
Locus ID:	27077
UniProt ID:	Q9UPM9
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]