

Product datasheet for **SC122988**

B9D2 (NM_030578) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B9D2 (NM_030578) Human Untagged Clone
Tag:	Tag Free
Symbol:	B9D2
Synonyms:	ICIS-1; JBTS34; MKS10; MKSR-2; MKSR2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_030578 edited

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CCAAGACGAGCGCGGTTCGCGGAAGTATCGCGGCTTACATATCTCGCAGCCAGGCGGGTCC
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GTCCTTCTAGGACCTCGGGGTCCCTCTGGGCCAGTTTCCCTATCTGTAATTGGGGAC
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TGCTCAGTAAAGGAGAGCAATTCTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_030578 unedited <pre> N G G G C T G N G A T T T G T A T A C G A C T T C A T A T A G G C G G C A C G C G A A T T C G C A C G A G G C C A A A A C G A T C G C G G T C G C G G A A G T A T C G C G G C T T A C A T A T C T C G C A G C C A G G C G G G T C C T G G G A G A G G C G C G A G C C A G G C C T G G T C G G C G C C C G C G G A G A A A A G A A G C A G T C A A G C C C A T G A A C T A C A A C C C C G G T T G C C G C T T T C T C C T C T C C T A A C C G T T A A G T G C G C T A A G G G C C A T G G C T G A G G T G C A C G T G A T C G G G C A G A T C A T G G G G G C C A G C G G T T T C T C G G A A A G T A G C C T C T T C T G C A A G T G G G C A T T C A C A C A G G G C G G C A T G G A A G C T C C T G T C A G G C G T G C G G G A G G G C C A A A C G C A A G T G G A C A C C C C G C A G A T A G G G G A C A T G G C T T A C T G G T C C C A C C C C A T C G A C C T G C A C T T C G C C A C C A A A G G T C T T C A A G G C T G G C C C G G C T C C A T T T C A G G T G T G G T C C C A G G A C A G C T T T G G C C G T G C C A G C T T G C A G G C T A T G G A T T T T G C C A T G T G C C C A G T A G C C C G G G C A C C C A C C A G C T G G C C T G C C C C A C G T G G C G G C C C C T G A G C A G T T G G C G A G A A C A G T T G G C A C G G G C T T T C G T G G G T G G T G G G C C G A G C T G C T G C A T G G G G A C C A C C A T C T A C A G T G G G G C C A C C G C T A T C G C C T G C A C A C A G C T G C T G G T G G C A C C G T G C A C C T G G A G A T C G G C C T G C T G C T C C G C A A C T T C A A C C G T A C N G C G T G G A G T G C T G A G G G A C T C T G C C T C C A A C G T C A C C A C C A T C C A C A C C C C G A C C C A G T A T G G G G G A G G A T G G C A C A G T G G T C A A G A G C A C A G A C T C T A G A G A C T G T C A G A G C T G A C C C A G C T A A A G C A T G G C A C C G C T T C T G T C C T A C T T </pre>
Restriction Sites:	Please inquire
ACCN:	NM_030578
Insert Size:	1022 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:	<u>NM_030578.2</u> , <u>NP_085055.1</u>
RefSeq Size:	1013 bp
RefSeq ORF:	528 bp
Locus ID:	80776
UniProt ID:	<u>Q9BPU9</u>
Cytogenetics:	19q13.2

Gene Summary:

This gene encodes a B9 domain protein, which are exclusively found in ciliated organisms. The gene is upregulated during mucociliary differentiation, and the encoded protein localizes to basal bodies and cilia. Disrupting expression of this gene results in ciliogenesis defects. [provided by RefSeq, Oct 2009]