

Product datasheet for **SC304501**

Protocadherin 23 (DCHS2) (NM_017639) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Protocadherin 23 (DCHS2) (NM_017639) Human Untagged Clone
Tag:	Tag Free
Symbol:	Protocadherin 23
Synonyms:	CDH27; CDHJ; CDHR7; PCDH23; PCDHJ
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017639, the custom clone sequence may differ by one or more nucleotides

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Restriction Sites:	Please inquire
ACCN:	NM_017639
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_017639.2</u> , <u>NP_060109.2</u>
RefSeq Size:	8751 bp
RefSeq ORF:	8751 bp
Locus ID:	54798
UniProt ID:	<u>Q6V1P9</u>
Cytogenetics:	4q31.3
Protein Families:	Druggable Genome, Transmembrane

Gene Summary:

This gene encodes a large protein that contains many cadherin domains and likely functions in cell adhesion. Genome-wide association studies suggest that this gene may be important in Alzheimer's disease, compressive strength index, and appendicular lean mass. [provided by RefSeq, May 2017]

Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).