

Product datasheet for **SC314681**

Cadherin 24 (CDH24) (NM_144985) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cadherin 24 (CDH24) (NM_144985) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cadherin 24
Synonyms:	CDH11L
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_144985, the custom clone sequence may differ by one or more nucleotides

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ATGTGGGGCCTGGTGAGGCTCCTGCTGGCCTGGCTGGGTGGTGGGGCTGCATGGGGCGT
CTGGCAGCCCCAGCCCGGGCCTGGGCAGGGTCCCGGGAACACCCAGGGCCTGCTCTGCTG
CGGACTCGAAGGAGCTGGGTCTGGAACCAAGTCTTTGTGATTGAGGAATATGCTGGTCCA
GAGCCTGTTCTCATTGGCAAGCTGCACTCGGATGTTGACCGGGGAGAGGGCCGACCAAG
TACCTGTTGACCGGGGAGGGGGCAGGCACCGTATTTGTGATTGATGAGGCCACAGGCAAT
ATTCATGTTACCAAGAGCCTTGACCGGGAGGAAAAGGCGCAATATGTGCTACTGGCCAA
GCCGTGGACCGAGCCTCCAACCGGCCCTGGAGCCCCATCAGAGTTCATCATCAAAGTG
CAAGACATCAACGACAATCCACCCATTTTTCCCTTGGGCCCTACCATGCCACCGTGCCC
GAGATGTCCAATGTGGGACATCAGTATCCAGGTGACTGCTCACGATGCTGATGACCCC
AGCTATGGGAACAGTGCCAAGCTGGTGTACACTGTTCTGGATGGACTGCCTTTCTCTCT
GTGGACCCCCAGACTGGAGTGGTGCCTACAGCCATCCCCAACATGGACCGGGAGACACAG
GAGGAGTCTTGGTGGTATCCAGGCCAAGGACATGGGCGGCCACATGGGGGGGTGTCA
GGCAGCACTACGGTGACTGTCACGCTCAGCGATGTCAACGACAACCCCCCAAGTCCCA
CAGAGCCTATACCAAGTCTCCGTGGTGGAGACAGCTGGACCTGGCACACTGGTGGCCGG
CTCCGGGGCCAGGACCCAGACCTGGGGGACAACGCCCTGATGGCATAACAGCATCCTGGAT
GGGGAGGGGTCTGAGGCCTTCAGCATCAGCACAGACTTGCAGGGTGCAGACGGGCTCCTC
ACTGTCCGCAAGCCCCTAGACTTTGAGAGCCAGCGCTCCTACTCCTTCCGTGTCGAGGCC
ACCAACACGCTCATTGACCCAGCCTATCTGCGCGAGGGGCCCTCAAGGATGTGGCCTCT
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CTGACAGTGCCTGAGAACAAGGCCCGGGGACCCTGGTAGGCCAGATCTCCGGGCTGAC
TGGACTCCCCTGCCAGCCCAATCAGATACTCCATCCTCCCCACTCAGATCCGGAGCGT
TGCTTCTCTATCCAGCCCGAGGAAGGCACCATCCATACAGCAGCACCCCTGGATCGCGAG
GCTCGCGCTGGCACAACCTCACTGTGCTGGCTACAGAGCTCGACAGTTCGACAGGCC
TCGCGCGTGCAAGTGGCCATCCAGACCCTGGATGAGAATGACAATGCTCCCCAGCTGGCT
GAGCCCTACGATACTTTGTGTGTGACTCTGCAGCTCCTGGCCAGCTGATTCAGGTCATC
CGGGCCCTGGACAGGGATGAAGTTGGCAACAGTAGCCATGTCTCCTTTCAAGGTCCTCTG
GGCCCTGATGCCAACTTTACTGTCCAGGACAACCGAGATGGCTCCGCCAGCCTGCTGCTG
CCCTCCCGCCCTGCTCCACCCCGCCATGCCCCCTACTTGGTTCATAGAACTGTGGGAC
TGGGGGACAGCCGGCGCTGAGCAGCACTGCCACAGTACTGTTAGTGTGTGCCGCTGCCAG
CCTGACGCTCTGTGGCCTCCTGCTGGCCTGAGGCTCACCTCTCAGCTGCTGGGCTCAGC
ACCGGCGCCCTGCTTGCCATCATCACTGTGTGGGTGCCCTGCTTGCCCTGGTGGTGCTC
TTCGTGGCCCTGCGGCGGAGAGAAGCAAGAAGCACTGATGGTACTGGAGGAGGAGGACGTC
CGAGAGAACATCATCACCTACGACGACGAGGGCGGCGGAGGAGACACCGAGGCCCTTC
GACATCACGGCCTTGAGAACCCGGACGGGGCGGCCCCCGGCGCCCGGCCCTCCCGCG
CGCCGAGACGTGTTGCCCGGGCCGGGTGTGCGGCCAGCCAGACCCCGGCCCGCCCGCC
GACGTGGCGCAGCTCCTGGCGCTGCGGCTCCGCGAGGCGGACGAGGACCCCGCGTACCC
CCGTACGACTCGGTGCAGGTGTACGGCTACGAGGGCCGCGCTCCTCTTGCGGCTCCCTC
AGTCCCTGGGCTCCGGCAGCGAAGCCGCGGCGCCCCCGGCCCGGAGCCGCTGGAC
GACTGGGGTCCGCTCTTCGCGACCCTGGCCGAGCTGTATGGGGCAAGGACCCCGGCC
CCC

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Restriction Sites: Please inquire

ACCN: NM_144985

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:	<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:	<u>NM_144985.2</u> , <u>NP_659422.2</u>
RefSeq Size:	2759 bp
RefSeq ORF:	2346 bp
Locus ID:	64403
UniProt ID:	<u>Q86UP0</u>
Cytogenetics:	14q11.2
Domains:	CA
Protein Families:	Transmembrane
Gene Summary:	<p>Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Cadherin-24 mediate strong cell-cell adhesion. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>