

Product datasheet for **SC307114**

Cadherin like 26 (CDH26) (NM_177980) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cadherin like 26 (CDH26) (NM_177980) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cadherin like 26
Synonyms:	VR20
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_177980 edited
 ATGGCCATGAGATCCGGGAGGCACCCCTCGCTGCTGCTTCTAGTGCTGCTGCTGTGG
 CTGCTGCAGGTCAGTATCATTGACAGTGTTCAACAGGAAACAGATGATCTTACTAAGCAA
 ACAAAGGAAAAGATCTACCAGCCTCTACGGCGATCCAAGAGAAGATGGGTATCACCACC
 TTGGAGCTGGAGGAGGAAGACCCGGGACCCTTTCCAACTCATTGGTGAGCTGTTCAAT
 AATATGTCTTATAACATGTCATAATGTATCTAATCAGTGGACCTGGTGTGGATGAATAT
 CCAGAGATTGGTTGTTTTCTCTAGAAGATCATGAGAACGGAAGGATATATGTTACCCGC
 CCTGTGATCGAGAAATGACACCATCTTTCACGGTTTATTTTGATGTTGTGGAGCGCTCA
 ACAGGAAAAATTGTGGATACATCCTTGATTTTCAACATTAGGATCAGTGATGTGAATGAT
 CATGCACCCAGTTTCCAGAGAAGGAATTTAACATCACTGTGCAAGAAAACCAATCTGCA
 GGGCAACCTATTTTTCAGATGTTAGCAGTCGATTTGGATGAAGAAAACACTCCAAATTCT
 CAAGTCCTTTACTTCTCATTCTCAAACACCATTACTGAAAGAAAGTGGTTTCCGGGT
 GATCGCCTTAGTGGAGAAATACGACTCTCTGGCTGCTTAGATTATGAGACCGCTCCTCAG
 TTTACACTGCTAATCAGAGCCAGGACTGTGGAGAACCCTCACTGTCATCCACGACCACC
 GTTCACGTGGATGTGCAAGAAGCAACAACCACAGGCCTGCATTTACCCAGGAGAACTAT
 AAGGTTACAGATTCTGAAGGCCGAGCCAGCCAGGCGTGTGCGTCTCCTGGTTCAAGAT
 CGAGATTCTCCATTTACATCAGCTTGGAGAGCAAAATTCAACATATTGCATGGCAATGAA
 GAGGGGCATTTTGACATTTGCACTGACCCTGAGACCAACGAAGGGATATTAATGTTATC
 AAGCCTTTGGATTATGAGACTCGCCAGCGCAAAGCCTCATATTGTCGTGGAGAATGAG
 GAGAGGCTCGTCTTCTGTGAGAGAGGAAAGCTTCAGCCGCCAAGGAAGGCAGCAGCCAGC
 GCCACTGTGAGTGTGACAGGTGACAGACGCCAACGACCCACCAGCCTTTACCCCCAGAGC
 TTCATTGTCAATAAAGAGGAGGGCGCCAGGCCTGGGACCCTGTTGGAACTTTTAATGCC
 ATGGATCCAGACAGCCAGATAAGATATGAACTGGTTCATGACCCAGCAAAATGGGTGAGC
 GTCGACAAAAACTCCGGAGTGGTCAACCGTGGAGCCAAATTGACCGAGAATCCCTCAT
 GTAAATAACAGTTTTTATGTAATCATCATTACGCTGTTGATGATGGCTTCCACCGCAG
 ACTGCTACAGGGACCCTAATGCTCTTCTGTCTGACATCAATGACAACGTCCTGACTCTC
 CGGCCACGTTCCCGCTACATGGAGGTCTGTGAGTCTGCTGTGCATGAGCCCTCCACATC
 GAGGCAGAGGATCCGGACCTGGAGCCGTTCTCTGACCCATTTACATTTGAATTGGACAAT
 ACCTGGGGAATGCGGAGGACACATGGAAGTTGGGAGAAATTGGGGTCAATCAGTTGAA
 CTTTAACTTGAAGAAGCCTGCCACGTGGTAATTACTTGGTGCCACTCTTCATTGGAGAC
 AAACAGGGACTTTCCAGAAGCAAACTGTCCATGTAAGGATCTGCCCTGTGCCAGTGGG
 CTCACATGTGTGAGCTTGCAGATGCAGAAGTGGGGCTTCATGTGGGGGCCCTGTTCCCT
 GTCTGTGACGATTTGTGGCTCTGGCAGTGGCTCTGCTTTTTCTGTTGCGATGCTATTTT
 GTGCTTGAACCTAAGAGGCATGGATGCTCTGTATCCAATGATGAAGGCCACCAAACTG
 GTCATGTATAATGCGGAGAGCAAAGGCACTTCAGCCAGACATGGTCAGATGTTGAAGGC
 CAGAGGCCGGCTCTGCTCATCTGCACAGCTGCAGCAGGACCCACGCAGGGAGTTAAGGAT
 CTCGAGGAAGTGCCTCCATCTGCAGCGAGTCAGTCAGCCCAAGCACGCTGTGCTCTGGGG
 AGCTGGGGTTATGGCAAGCCCTTTGAGCCAAGAAGTGTGAAAAACATACTCTACTCCT
 GCTTACCCAGATGCCACAATGCACAGAACTCCTGGCTCCGGTGGAAAGGAAGGATGGCA
 GAGACATTGAATCAGAACTCCATGTTGCCAATGTGCTGGAAGATGACCCCGGCTACCTA
 CCTCACGTCTACAGCGAGGAAGGGAGTGTGGAGGGGCCCATCCCTCAGCTCTCTGGCC
 AGCTTGGAACAGGAGTTGCAACCTGATTTGCTGGACTCTTTGGGTTCAAAAGCGACTCCG
 TTTGAGGAAATATATTCAGAGTCAGGTGTTCTTCCTAA

Restriction Sites: Please inquire
ACCN: NM_177980
Insert Size: 2500 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).
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_177980.1</u> , <u>NP_817089.1</u>
RefSeq Size:	3192 bp
RefSeq ORF:	2499 bp
Locus ID:	60437
UniProt ID:	<u>Q8IXH8</u>
Cytogenetics:	20q13.33
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the cadherin protein family. Cadherins are a family of calcium-dependent adhesion molecules that mediate cell-cell adhesion in all solid tissues and modulate a wide variety of processes, including cell polarization, migration and differentiation. Cadherin domains occur as repeats in the extracellular region and are thought to contribute to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. This protein is expressed in gastrointestinal epithelial cells and may be upregulated during allergic inflammation. This protein interacts with alpha integrins and may also be involved in leukocyte migration and adhesion. [provided by RefSeq, Jan 2017] Transcript Variant: This variant (a) represents the longer transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.