

Product datasheet for **SC337482**

CDHR3 (NM_001301161) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDHR3 (NM_001301161) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDHR3
Synonyms:	CDH28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001301161, the custom clone sequence may differ by one or more nucleotides

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ATGGAACAACTAGATTTTGAACAGGACCAAAACATATTTGATTTGCAGATTTATGTGAAGGATGAGGTTG
GTGTCACAGACCTGCAAGTCCTGACTGTCCAGGTAACAGATGTGAACGAGCCACCTCAGTTTCAAGGCAA
CTTGGCAGAAGGTCTACACCTCTACATAGTAGAAAGAGCAAACCCTGGATTCATTTACCAGGTTGAGGCC
TTGGATCCAGAAGACACAAGCCGAAACATTCCCTCAGTTATTTCTGATTTCTCCCCAAAGAGCTTCA
GAATGTCTGCTAATGGCACCCCTCTTCTCCACAACAGAATTGGACTTTGAAGCAGGACACAGAAGTTTCCA
TCTCATCGTGGAGGTGAGGGACAGTGGAGGCTCAAAGCCTCCACAGAGCTCCAGGTGAACATCGTGAAC
CTCAACGACGAAGTCCCTCGCTTACCAGCCGACAGAGTGTACACAGTCTGGAGGAAGTGAAGTCCAG
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CATTACCACTGTTAGCAAATATTTATGATAAATCAGTTGACTGGTACAATCCAAGTGGCCCAAAGGATA
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CACTGATAAAGACCTCCCCAGAGCAGCCTCCTGTACTCCATCTCCACTGGAGGGCCAGCCTCCAGTAT
CCAAATGTATTTTGGATTAATCCCAAGACAGGAGAACTCCAGCTGGTAACTAAAGTGGACTGTGAAACAA
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CATCCTTGAAGAAAATGATGAAAAGCAATTTGTACTCAAACCTTATTTCTGGCCCTCCCAGTGGAT
CTGAAAGTTGGCACAATATTCAGAATTTCAAGCTGACATGTACCGACCTTGATTCCAGCCCCAGATCTT
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CACACGCCTGCTGCTTACATCTCGCTTTGACTATGCTGGTGGGTTTGATAAGATCTGGGACTACAAGCTA
CTTGTCTACGTAAGTATGACAACCTGATGTCTGACAGGAAGAAAGCGGAGGCTCTTGTGAGACAGGAA
CAGTGACACTGAGTATTAAGTCAATCCCACCAACCACTATCATCACCAGACCCCCAGGCCAGGGT
CACCTATCAGGTCTGAGGAAAACGTTTACTCTCCATCTGCATGGTACGTGCCGTTTGTATCACTTTG
GGCTCCATATTGCTTCTGGGCTCCTCGTGTACCTGGTGCCTATTGGCCAAAGCCATCCACAGACACT
GCCCTGCAAGACTGGGAAGAACAAGGAACCTCTGACAAAGAAAGGAGAAACGAAGACTGCAGAGAGAGA
CGTCGTGGTGGAAACTATCCAGATGAACACTATCTTTGATGGAGAAGCCATAGATCCAGTACCCGGGAA
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AAGAGTCCAGCCACCAGGGAGCTGCCCCACGCAGAGTCACTGCTGGGAAAGGGATGGGGTCACTGAGAAG
TGCCAACCTGGGAAGAAGATGAGCTGAGTGGCAAAGCGTGGGCTGAGGATGCTGGTCTGGGTTCCAGAAAT
GAGGGTGGCAAGCTGGGCAACCCAAAGAACAAGAAATCCAGCCTTCATGAACAGGGCTTACCCCAAACAC
ACCCAGGAAAGTAA
    
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Restriction Sites: SgfI-MluI

ACCN: NM_001301161

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_001301161.1](#), [NP_001288090.1](#)

RefSeq Size: 6297 bp

RefSeq ORF: 2394 bp

Locus ID: 222256

UniProt ID: [Q6ZTQ4](#)

Cytogenetics: 7q22.3

Protein Families: Transmembrane

Gene Summary: 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.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks part of the 5' coding region, and uses a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1. 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.