

Product datasheet for **RG239588**

CDHR3 (NM_001301161) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDHR3 (NM_001301161) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CDHR3
Synonyms:	CDH28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG239588 representing NM_001301161.
 Blue=ORF Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGAACAACCTAGATTTTGAACAGGACCAACATATTTGATTTGCAGATTTATGTGAAGGATGAGGTT
GGTGTACAGACCTGCAAGTCTGACTGTCCAGGTAACAGATGTGAACGAGCCACCTCAGTTTCAAGGC
AACTTGGCAGAAGGTCTACACCTCTACATAGTAGAAAGAGCAAACCCTGGATTTCATTTACCAGGTTGAG
GCCTTCGATCCAGAAGACACAAGCCGAAACATTCCTCAGTTATTTCTGATTTCTCCCCAAAGAGC
TTCAGAATGTCTGCTAATGGCACCTCTTCTCCACAACAGAATTGGACTTTGAAGCAGGACACAGAAGT
TTCATCTCATCGTGGAGGTGAGGGACAGTGGAGGCTCAAAGCCTCCACAGAGCTCCAGGTGAACATC
GTGAACCTCAACGACGAAGTCCCTCGCTTACCAGCCGACACGAGTGTACACAGTCTGGAGGAACTG
AGTCCAGGAACCATCGTGGCCAATATCACAGCGGAGGATCCTGATGATGAAGTTTTCCAGCCACCTC
CTCTACAGCATTACCACTGTTAGCAAATATTTTCATGATAAATCAGTTGACTGGTACAATCCAAGTGCC
CAAAGGATAGACCGAGATGCAGGTGAATTGAGACAAAATCCCACCATTTCCCTGGAAGTTCTAGTGAAG
GACAGACCATATGGGGTTCAGGAGAATCCGATCCAGATAACCTTCATTGTGGAAGACGTCAACGACAAT
CCTGCCACATGCCAAAAGTTCACCTTCAGCATTATGGTGGCCGAAAGAACAGCCAAGGGGACGTTGCTT
CTTGACCTAAACAAGTTCTGCTTTGATGATGACAGTGAAGGACCAAAACAAGATTCACTTCACCATG
CCATCTGGAGTGGGGAGCGGCAGCAGATTTTTACAGGATCCAGCTGGCTCTGGGAAGATTGTGCTGATT
GGTGTCTAGACTACGAAAATCCAAGTAACCTAGCAGCCGGCAATAAATATACGGTGATAATCCAGGTG
CAGGATGTGGCCCCCTTACTATAAAAATAACGTCTACGTTTATATCCTAACAAGCCAGAAAATGAG
TTTCTCTCATTTTTGATAGGCCATCCTATGATTTGATGTGTGAGAAAGAAGGCCCGCCAGAACCCGA
GTGGGACAGGTGCGAGCCACTGATAAAGACCTCCCCAGAGCAGCCTCCTGTACTCCATCTCCAGTGGG
GGGGCCAGCCTCCAGTATCCAAATGATTTTGGATTAATCCCAAGACAGGAGAACTCCAGCTGGTAACT
AAAGTGGACTGTGAAACAACCCCATCTATATTCTCAGAATCCAGGCCACCAACAACGAAGACACAAGC
TCTGTCACTGTTACTGTGAACATCCTTGAAGAAAATGATGAAAAGCCAATTTGACTCCAAACTCTTAT
TTCCTGGCCCTCCAGTGGATCTGAAAGTTGGCACAATATTCAGAATTTCAAGCTGACATGTACCGAC
CTTGATTCAGCCCCAGATCTTTCGTTATTCCATTGGCCAGGTAACGTCAACAATCATTTACCTTC
TCTCCCAATGCTGGTTCCAATGTCACACGCTGCTGCTTACATCTCGCTTGACTATGCTGGTGGGTTT
GATAAGATCTGGGACTACAAGCTACTTGTCTACGTAACCTGATGACAATGATGTCTGACAGGAAGAAA
GCGGAGGCTCTTGTGAGACAGGAACAGTGACACTGAGTATTAAGTCATTCCCCACCAACCACTATC
ATCACCACGACCCCAAGGCCAGGGTCACTATCAGGTCCTGAGGAAAAACGTTTACTCTCCATCTGCA
TGGTACGTGCCGTTTGTATCACTTTGGGCTCCATATTGCTTCTGGGCTCCTCGTGTACCTGGTCGTC
CTATTGGCCAAAGCCATCCACAGACTGCCCTGCAAGACTGGGAAGAACAAGGAACCTCTGACAAAG
AAAGGAGAAACGAAGACTGCAGAGAGAGACGTCGTGGTGGAAACTATCCAGATGAACACTATCTTTGAT
GGAGAAGCCATAGATCCAGTGACCGGGGAAACATATGAATCAACTCAAAAACCTGGAGCCAGAAAGTGG
AAAGATCCACTAACCCAAATGCCAAAATGGAAAGAGTCCAGCCACCAGGGAGCTGCCCCACGCAGAGTC
ACTGCTGGGAAGGGATGGGTCCTGAGAAAGTCCAAGTGGGAAGAAGATGAGCTGAGTGGCAAAGCG
TGGGCTGAGGATGCTGGTCTGGGTTCCAGAAATGAGGGTGGCAAGCTGGGCAACCCAAAGAACAGAAAT
CCAGCCTTCATGAACAGGGCTTACCCAAACCACCCAGGAAAG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
```

Protein Sequence: >Peptide sequence encoded by RG239588
Blue=ORF Red=Cloning site Green=Tag(s)

MEQLDFETGPNIFDLQIYVKDEVGVTDLQVLTVQVTDVNEPPQFQGNLAEGLHL YIVERANPGFIYQVE
AFDPEDTSRNIPLSYFLISPPKSFRRMSANGTLFSTTELD FEAGHRSFHLIVEVRDSGGLKASTELQVNI
VNLNDEVPRFTSPTRVYTVLEELSPGTIVANITAEDPDDEGFPSHLLYSITTVSKYFMINQLTGTIQVA
QRIDRDAGELRQNPTISLEVLVKDRPYGGQENRIQITFIVEDVNDNPATCQKFTFSIMVPERTAKGTL
LDL NKFCFDDSEAPNNRFNFTMPSGVSGSRFLQDPAGSGKIVLIGDLDYENPSNLAAGNKYTVIIQV
QDVAPPYYKNNVYVYILTSPENEFPLIFDRPSYVFDVSERRPARTRVGQVRATDKDLPQSSLLYSISTG
GASLQYPNVFWINPKTGELQLVTKVDCETTP IYILRIQATNNEDTSSVTVTVNILEENDEKPICTPNSY
FLALPVDLKVGTNIQNFKLTCTDL DSSPRSFYRYSIGPGNVNHHFTFSPNAGSNVTRLLLTSRFDYAGGF
DKIWDYKLLVYVTDNLMSDRKKA EALVETGTVLSIKVIPHTTIIITTPRPRVTYQVLRKNVYSPSA
WYVPFVITLGSILLGLLVYLVLLAKAIHRHCPCCKTGKNKEPLTKKGETKAERDVVETIQMNTIFD
GEAIDPVTGETYEFNSKTGARKWKDPLTQMPKWKES SHQGAAPRRVTAGEGMGSLRSANWEEDEL SGKA
WAEDAGLSRNEGKLG NPKNRNPAFMNRAYPKPHPGK

TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNRIEKYEDGGVLHVSFSYRYEAGRVI GDFKVMGTGFPEP
SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: Sgfl-Mlul

RefSeq: [NM_001301161.2](#)

RefSeq Size: 6297 bp

RefSeq ORF: 2394 bp

Locus ID: 222256

UniProt ID: [Q6ZTQ4](#)

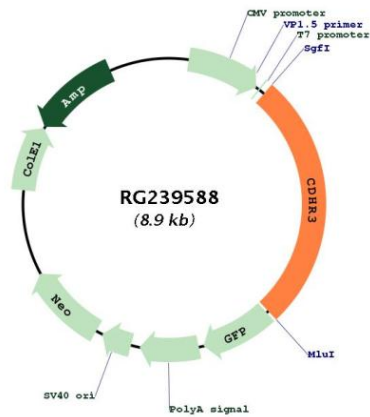
Cytogenetics: 7q22.3

Protein Families: Transmembrane

MW: 89.3 kDa

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]

Product images:



Circular map for RG239588