

CDH2 (Human) Recombinant Protein

Catalog # P9366

Size 2 x 10 ug

Specification

Product Description	Human CDH2 partial recombinant protein with His tag in C-terminus expressed in Baculovirus cells.
Sequence	ADPDWVIPPINLPENSRGPPQELVRIRSDRDKNLSLRYSVTGPGADQPPTGIFIINPISGQLSVTKP LDREQIARFHLRAHAVDINGNQVENPIDVINVIDMNDNRPEFLHQVWNGTVPEGSKPGTYMTVTA IDADDPNALNGMLRYRIVSQAPSTPSPNMF TINNETGDIITVAAGLDREKVQQYTLIIQATDMEGNPT YGLSNTATAVITVTDVNDNPPEFTAMTFYGEVPENRVDIVANLTVTDKDKPHTPAWNAVYRISGGD PTGRFAIQTDPNSENDGLVTVVKPIDFETNRMFVLTVAAENQVPLAKGIQHPPQSTATVSVTVIDVN ENPYFAPNPKIIIRQEEGLHAGTMLTTFTAQDPDRYMQQNIRYTKLSDPANWLKIDPVNGQITTIIVLD RESPNVKNNIYNATFLASDNGIPPMSGTGTLQMYLLDINDNAPQVLPQEAETCETPDPN SINITALDY DIDPNAGPFAFDLPLSPVTIKRNWTITRLNGDFAQLNLKIKFLEAGIYEVPIITDSGNPPKSNISILRVK VCQCDSNGDCTDVDRIVGAGLGTGAHHHHHH
Host	Viruses
Theoretical MW (kDa)	62.9
Form	Liquid
Preparation Method	Baculovirus expression system
Purification	chromatographic
Purity	> 90% as determined by SDS-PAGE.
Storage Buffer	Solution (0.5 mg/mL) containing 1X PBS, pH 7.4, 20% glycerol.
Storage Instruction	Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

Applications

- SDS-PAGE

Gene Info — CDH2

Entrez GeneID [1000](#)

Protein Accession# [P19022](#)

Gene Name CDH2

Gene Alias CD325, CDHN, CDw325, NCAD

Gene Description cadherin 2, type 1, N-cadherin (neuronal)

Omim ID [114020](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a trans membrane region and a highly conserved cytoplasmic tail. The protein functions during gastrulation and is required for establishment of left-right asymmetry. At certain central nervous system synapses, presynaptic to postsynaptic adhesion is mediated at least in part by this gene product. [provided by RefSeq]

Other Designations N-cadherin 1|cadherin 2, N-cadherin (neuronal)|cadherin 2, type 1|calcium-dependent adhesion protein, neuronal|neural cadherin

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Laryngeal Neoplasms](#)

- [Mouth Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)