9051 Mira Mesa Blvd, #910094
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CDH2 Human

Cadherin 2 Human Recombinant
RCP0369

Product Overview

Name	CDH2 Human
Description	
Cadherin 2 Human Recombinant	
Accession (Primary)	P19022
Synonyms	
Cadherin 2, Cadherin 2, Type 1, N-Cadherin (Neuronal), Neural Cadherin, N-Cadherin, CDw325, NCAD, CDHN, Calcium-Dependent Adhesion Protein, Neuronal, CD325 Antigen, N-Cadherin 1, Cadherin-2, CD325.	
Introduction	
Cadherin-2 isoform 1, also known as CDH2 is a transmembrane, homophilic glycoprotein which belongs to the calcium-dependent cell adhesion molecule family. CDH2 takes part in neurons and later on was discovered to participate in cardiac muscle and in cancer metastasis as well. The CDH2 loss promotes tumorigenesis through releasing membrane-bound β-catenin, and so stimulating Wnt signaling. Furthermore, CDH2 appears to be implicated in tumor development, however this discovery is limited in adrenocortical tumors-ACTs.	
Source	
Sf9, Baculovirus cells.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CDH2 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 20% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP DWVIPPI NLPENSRGPF PQELVRIRSD RDKNLSLRYS VTGPGADQPP TGIFIINPIS GQLSVTKPLD REQIARFHLR AHAVDINGNQ VENPIDIVIN VIDMNDNRPE FLHQVWNGTV PEGSKPGTYV MTVTAIDADD PNALNGMLRY RIVSQAPSTP SPNMFTINNE TGDIITVAAG LDREKVQQYT LIIQATDMEG NPTYGLSNTA	

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TAVITVTDVN DNPPEFTAMT FYGEVPENRV DIIVANLTVT DKDQPHTPAW NAVYRISGGD PTGRFAIQTD PNSNDGLVTV VKPIDFETNR MFVLTVAAEN QVPLAKGIQH PPQSTATVSV TVIDVNENPY FAPNPKIIRQ EEGLHAGTML TTFTAQDPDR YMQQNIRYTK LSDPANWLKI DPVNGQITTI AVLDRESPNV KNNIYNATFL ASDNGIPPMS GTGTLQIYLL DINDNAPQVL PQEAETCETP DPNSINITAL DYDIDPNAGP FAFDLPLSPV TIKRNWTITR LNGDFAQLNL KIKFLEAGIY EVPIIITDSG NPPKSNISIL RVKVCQCDSN GDCTDVDRIV GAGLGTGA HH HHHH.

Precautions

CDH2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P19022)