9051 Mira Mesa Blvd, #910094
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PCDHGC4 Human

Protocadherin Gamma Subfamily C 4 Human Recombinant
RCP1594

Product Overview

Name	PCDHGC4 Human
Description	
Protocadherin Gamma Subfamily C 4 Human Recombinant	
Accession (Primary)	Q9Y5F7
Synonyms	
Protocadherin Gamma Subfamily C 4, PCDH-GAMMA-C4.	
Introduction	
PCDHGL4 belongs to one of three related clusters tandemly linked on chromosome five - the protocadherin gamma gene cluster. These gene clusters have an immunoglobulin-like organization, which indicates that a novel mechanism takes part in their regulation and expression. These neural cadherin-like cell adhesion proteins have a vital role in the establishment and function of specific cell-cell connections in the brain.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The PCDHGC4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% 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 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M QIRYPVPEE SQEGTFVGNV AQDFLLDTDS LSARRLQVAG EVNQRHFRVD LDSGALLIKN PIDREALCGL SASCIVPLEF VTEGPLEMYR AEVEIVDVND HAPRFPRQQL DLEIGEAAPP GQRFPLEKAQ DADVGSNSIS SYRLSSNEHF ALDVKKRSDG SLVPELLLEK PLDREKQSDY RLVLTAVDGG NPPRSGTAEL RVSVLDVNDN APAFQQSSYR ISVLESAPAG MVLIQLNASD PDLGPSGNVT FYFSGHTPDR VRNLFSLHPT TGKLTLLGPL DFESENYYEF DVRARDGGSP AMEQHCSLRV DLLDVNDNAP YITVTSELGT	

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LPESAEPGTV VALISVQDPD SGSNGDVSLR IPDHLPFALK SAFRNQFSLV TAGPLDREAK SSYDIMVTAS DAGNPPLSTH RTIFLNISDV NDNPPSFFQR SHEVFVPENN RPGDLLCSLA ASDPDSGLNA LISYSLLEPR NRDVSASSFI SLNPQTGAVH ATRSFDYEQT QTLQFEVQAR DRGNPPLSST VTVRLFVLDL NDNAPAVLRP RARPGSLCPQ ALPPSVGAGH LITKVTAVDL DSGYNAWVSY QLLEAPDPSL FAVSRYAGEV RTAVPIPADL PPQKLVIVVK DSGSPPLSTS VTLLVSLEED THPVVPDLRE SSAPREGESR LTLY

Precautions

PCDHGC4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y5F7)