

32-4403: Recombinant Human Protocadherin Gamma Subfamily C 4

Alternative Name : Protocadherin Gamma Subfamily C 4,PCDH-GAMMA-C4.

Description

Source : Escherichia Coli. PCDHGC4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 684 amino acids (30-692) and having a molecular mass of 74.3 kDa. PCDHGC4 is fused to a 21 amino acid His-tag at N-terminus. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The PCDHGC4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MQIRYPVPEE SQEGTFVGNV AQDFLLDTDS LSARRLQVAG EVNQRHFRVD LDSGALLIKN PIDREALCGL SASCIVPLEF VTEGPLEMYR AEVEIVDVND HAPRFPRQQL DLEIGEAAAPP GQRFPLEKAQ DADVGSNSIS SYRLSSNEHF ALDVKKRSDG SLVPELLEK PLDREKQSDY RLVLTAVDGG NPPRSGTAE LRVSVLDVNDN APAFQQSSYR ISVLESAPAG MVLIQLNASD PDLGPGSNVT FYFSGHTPDR VRNLFSLHPT TGKLTLLGPL DFESENYEF DVRARDGGSP AMEQHC SLRV DLLDVNDNAP YITVTSELGT LPESAEPGTV VALISVQDPD SGSNGDVSLR IPDHLPFALK SAFRNQFSLV TAGPLDREK SSYDIMVTAS DAGNPPLSTH RTIFLNISDV NDNPPSFFQR SHEVFPENN RPDLLCSLA ASDPDSGLNA LISYSLEPR NRDVSASSFI SLNPQTGAVH ATRSFYEQT QTLQFEVQAR DRGNPPLSST VTVRLFVLDL NDNAPAVLRP RARPGSLCPQ ALPPSVGAGH LITKVTAVDL DSGYNAWVS YQLLEAPDPSL FAVSRYAGEV RTAVPIPADL PPQKLIVIVK DSGSPPLSTS VTLLVSLEED THPVVPLDRE SSAPREGESR LTLY