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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

PCDHGC4 (Human) Recombinant protein

Catalog Number: P9118

Regulation Status: For research use only (RUO)

Product Description: Human PCDHGC4 (Q9Y5F7, 30 a.a. - 692 a.a) partial recombinant protein with His-tag at N-terminal expressed in *Escherichia Coli*.

Sequence: MGSSHHHHHH SGLVPRGSH

MQIRYPVPEE	SQEGTFVGNV	AQDFLLDTDS
LSARRLQVAG	EVNQRHFRVD	LDGALLIKN
PIDREALCGL	SASCIVPLEF	VTEGPLEMYR
AEVEIVDVND	HAPRFPRQQL	DLEIGEAAPP
GQRFPLEKAQ	DADVGSNSIS	SYRLSSNEHF
ALDVKKRSDG	SLVPELLLEK	PLDREKQSDY
RLVLTAVDGG	NPPRSGTAEI	RVSVLVDVNDN
APAFQQSSYR	ISVLESAPAG	MVLIQLNASD
PDLGPGSNVT	FYFSGHTPDR	VRNLFSLHPT
TGKLTLLGPL	DFESENYYEF	DVRARDGGSP
AMEQHCSLRV	DLLDVNDNAP	YITVTSELGT
LPESAEPGTV	VALISVQDPD	SGSNGDVSLR
IPDHLPFALK	SAFRNQFSLV	TAGPLDREAK
SSYDIMVTAS	DAGNPPLSTH	RTIFLNISDV
NDNPPSFFQR	SHEVFPENN	RPGDLLCSLA
ASDPDSGLNA	LISYSLEPR	NRDVSASSFI
SLNPQTGAVH	ATRSFDYEQT	QTLQFEVQAR
DRGNPPLSST	VTVRLFVLDL	NDNAPAVLRP
RARPGSLCPQ	ALPPSVGAGH	LITKVTAVDL
DSGYNAWVSY	QLLEAPDPSL	FAVSRYAGEV
RTAVPIPADL	PPQKLVIVVK	DSGSPPLSTS
VTLLVSLEED THPVVPLDRE SSAPREGESR LTLY		

Host: *Escherichia coli*

Theoretical MW (kDa): 74.3

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purity: > 85% by SDS-PAGE.

Storage Buffer: In 20mM Tris-HCl buffer, pH 8.0, 0.4M Urea and 10% glycerol.

Storage Instruction: Store at 4°C for 2~4 week. For long term storage store at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 56098

Gene Symbol: PCDHGC4

Gene Alias: MGC119489, MGC24978, PCDH-GAMMA-C4

Gene Summary: This gene is a member of the protocadherin gamma gene cluster, one of three related clusters tandemly linked on chromosome five. These gene clusters have an immunoglobulin-like organization, suggesting that a novel mechanism may be involved in their regulation and expression. The gamma gene cluster includes 22 genes divided into 3 subfamilies. Subfamily A contains 12 genes, subfamily B contains 7 genes and 2 pseudogenes, and the more distantly related subfamily C contains 3 genes. The tandem array of 22 large, variable region exons are followed by a constant region, containing 3 exons shared by all genes in the cluster. Each variable region exon encodes the extracellular region, which includes 6 cadherin ectodomains and a transmembrane region. The constant region exons encode the common cytoplasmic region. These neural cadherin-like cell adhesion proteins most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been described for the gamma cluster genes. [provided by RefSeq]