Proteoliposomes | Full-Length

PCDHGB4 (Human) Recombinant Protein

Catalog # H00008641-G01 Size 10 ug

Specification

Product Description	Human PCDHGB4 full-length ORF (ADR83270.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MGSGAGELGRAERLPVLFLFLLSLFCPALCEQIRYRIPEEMPKGSVVGNLATDLGFSVQELPTRKL RVSSEKPYFTVSAESGELLVSSRLDREEICGKKPACALEFEAVAENPLNFYHVNVEIEDINDHTPK FTQNSFELQISESAQPGTRFILGSAHDADIGSNTLQNYQLSPSDHFSLINKEKSDGSKYPEMVLKTP LDREKQKSYHLTLTALDFGAPPLSSTAQIHVLVTDANDNAPVFSQDVYRVSLSENVYPGTTVLQVT ATDQDEGVNAEITFSFSEASQITQFDLNSNTGEITVLNTLDFEEVKEYSIVLEARDGGGMIAQCTVE VEVIDENDNAPEVIFQSLPNLIMEDAELGTHIALLKVRDKDSRHNGEVTCKLEGDVPFKILTSSRNT YKLVTDAVLDREQNPEYNITVTATDRGKPPLSSSSSITLHIGDVNDNAPVFSQSSYIVHVAENNPPG ASISQVRASDPDLGPNGQVSYCIMASDLEQRELSSYVSISAESGVVFAQRAFDHEQLRAFELTLQ ARDQGSPALSANVSLRVLVDDRNDNAPRVLYPALGPDGSALFDMVPHAAEPGYLVTKVVAVDA DSGHNAWLSYHVLQASEPGLFSLGLRTGEVRTARALGDRDAVRQRLLVAVRDGGQPPLSATATL HLVFADSLQEVLPDITDRPDPSDLQAELQFYLVVALALISVLFLVAMILAIALRLRRSSSPASWSCF QPGLCVKSESVVPPNYSEGTLPYSYNLCVAHTGKTEFNFLKCSEQLSSGQDILCGDSSGALFPLC NSSELTSHQVSFL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	88.40000000000001
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Form	Liquid
Preparation Method	*in vitro* wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — PCDHGB4

Entrez GeneID	8641
GeneBank Accession#	HQ258516.1
Protein Accession#	ADR83270.1
Gene Name	PCDHGB4
Gene Alias	CDH20, FIB2, MGC138293, MGC142167, PCDH-GAMMA-B4
Gene Description	protocadherin gamma subfamily B, 4
Omim ID	603058
Gene Ontology	Hyperlink
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. This particular family member is expressed in fibroblasts and is thought to play a role in wound healing in response to injury. Alternative splicing has been described for the gamma cluster genes. [provided by RefSeq
Other Designations	cadherin 20|fibroblast cadherin FIB2