Proteoliposomes Full-Length

PCDHA10 (Human) Recombinant Protein

Catalog # H00056139-G01 Size 10 ug

Specification

Product Description	Human PCDHA10 full-length ORF (ADR83338.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MVSRCSCLGVQCLLLSLLLLAAWEVGSGQLHYSVYEEARHGTFVGRIAQDLGLELAELVQRLFRV ASKRHGDLLEVNLQNGILFVNSRIDREELCGRSVECSIHLEVIVDRPLQVFHVDVEVKDINDNPPR FSVTEQKLSIPESRLLDSRFPLEGASDADVGENALLTYKLSPNEYFVLDIINKKDKDKFPVLVLRKL LDREENPQLKLLLTATDGGKPEFTGSVSLLILVLDANDNAPIFDRPVYEVKMYENQVNQTLVIRLNA SDSDEGINKEMMYSFSSLVPPTIRRKFWINERTGEIKVNDAIDFEDSNTYEIHVDVTDKGNPPMVG HCTVLVELLDENDNSPEVIVTSLSLPVKEDAQVGTVIALISVSDHDSGANGQVTCSLTPHVPFKLV STYKNYYSLVLDSALDRERVSAYELVVTARDGGSPPLWATASVSVEVADVNDNAPAFAQSEYTV FVKENNPPGCHIFTVSAWDADAQENALVSYSLVERRLGERSLSSYVSVHAESGKVYALQPLDHE ELELLQFQPRQPNPDWRYSASLRAGMHSSVHLEEAGILRAGPGGPDQQWPTVSSATPEPEAGE VSPPVGAGVNSNSWTFKYGPGNPKQSGPGELPDKFIIPGSPAIISIRQEPTNSQIDKSDFITFGKKE ETKKKKKKKKGNKTQEKKEKGNSTTDNSDQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	75.40000000000001
Interspecies Antigen Sequence	Mouse (83); Rat (83)
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 — PCDHA10

Entrez GeneID	56139
GeneBank Accession#	HQ258585.1
Protein Accession#	ADR83338.1
Gene Name	PCDHA10
Gene Alias	CNR8, CNRN8, CNRS8, CRNR8, PCDH-ALPHA10
Gene Description	protocadherin alpha 10
Omim ID	606316
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the protocadherin alpha gene cluster, one of three related gene clusters tandemly linked on chromosome five that demonstrate an unusual genomic organization similar to that of B-cell and T-cell receptor gene clusters. The alpha gene cluster is composed of 15 cadherin superfamily genes related to the mouse CNR genes and consists of 13 highly similar and 2 more distantly related coding sequences. The tandem array of 15 N-terminal exons, or variable exons, are followed by downstream C-terminal exons, or constant exons, which are shared by all genes in the cluster. The large, uninterrupted N-terminal exons each encode six cadherin ectodomains while the C-terminal exons encode the cytoplasmic domain. These neural cadherin-like cell adhesion proteins are integral plasma membrane proteins that most likely play a critical role in the establishment and function of specific cell-cell connections in the brain. Alternative splicing has been observed and additional variants have been suggested but their full-length nature has yet to be determined. [provided by RefSeq
Other Designations	KIAA0345-like 4|ortholog to mouse CNR8