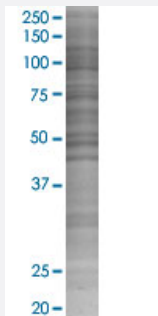


PCDHA4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056144-T02

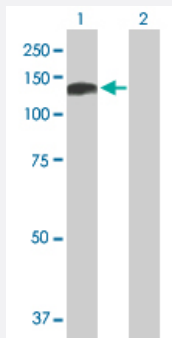
Size 100 uL

Applications



SDS-PAGE Gel

PCDHA4 transfected lysate.



Western Blot

Lane 1: PCDHA4 transfected lysate (102.30 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCDHA4 full-length
Host	Human
Theoretical MW (kDa)	102.3
Interspecies Antigen Sequence	Mouse (86); Rat (85)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PCDHA4 antibody ([H00056144-B01](#)) by Western Blots.
SDS-PAGE Gel
PCDHA4 transfected lysate.
Western Blot
Lane 1: PCDHA4 transfected lysate (102.30 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PCDHA4

Entrez GeneID[56144](#)**GeneBank Accession#**[NM_018907.2](#)**Protein Accession#**[NP_061730.1](#)**Gene Name**

PCDHA4

Gene Alias

CNR1, CNRN1, CRNR1, MGC138307, MGC142169, PCDH-ALPHA4

Gene Description

protocadherin alpha 4

Omim ID[606310](#)**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 10|ortholog of mouse CNR1