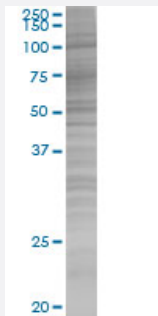


PCDHGA5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00056110-T01

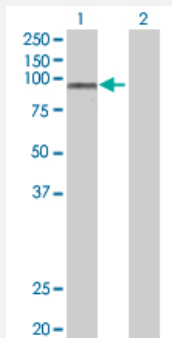
Size 100 uL

Applications



SDS-PAGE Gel

PCDHGA5 transfected lysate.



Western Blot

Lane 1: PCDHGA5 transfected lysate (89.54 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCDHGA5 full-length
Host	Human
Theoretical MW (kDa)	89.54
Interspecies Antigen Sequence	Mouse (83); Rat (82)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PCDHGA5 antibody ([H00056110-B01](#)) by Western Blots.
SDS-PAGE Gel
PCDHGA5 transfected lysate.
Western Blot
Lane 1: PCDHGA5 transfected lysate (89.54 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 — PCDHGA5

Entrez GeneID[56110](#)**GeneBank Accession#**[NM_032054.1](#)**Protein Accession#**[-](#)**Gene Name**

PCDHGA5

Gene Alias

CDH-GAMMA-A5, ME3, MGC142020, PCDH-GAMMA-A5

Gene Description

protocadherin gamma subfamily A, 5

Omim ID[606292](#)**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. Alternative splicing has been described for the gamma cluster genes. [provided by RefSeq]

Other Designations

cadherin ME3