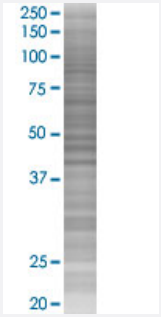
PCDHGA5 293T Cell Transient Overexpression Lysate(Denatured)

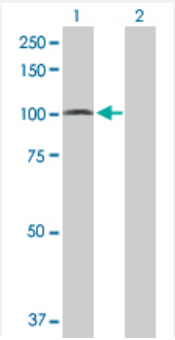
Catalog # H00056110-T02 Size 100 uL

Applications



SDS-PAGE Gel

PCDHGA5 transfected lysate.



Western Blot

Lane 1: PCDHGA5 transfected lysate (88.80 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PCDHGA5 full-length
Host	Human
Theoretical MW (kDa)	88.8
Interspecies Antigen Sequence	Mouse (83); Rat (82)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-PCDHGA5 antibody (H00056110-B01P) by Western Blots. SDS-PAGE Gel PCDHGA5 transfected lysate. Western Blot Lane 1: PCDHGA5 transfected lysate (88.80 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#	NP_114443.1
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