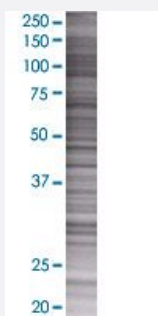


CDH12 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00001010-T01

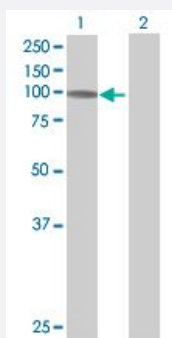
Size 100 uL

Applications



SDS-PAGE Gel

CDH12 transfected lysate.



Western Blot

Lane 1: CDH12 transfected lysate (87.45 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CDH12 full-length

Host Human

Theoretical MW (kDa) 87.45

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CDH12 antibody ([H00001010-B01](#)) by Western Blots.
SDS-PAGE Gel
CDH12 transfected lysate.
Western Blot
Lane 1: CDH12 transfected lysate (87.45 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 — CDH12

Entrez GeneID[1010](#)**GeneBank Accession#**[NM_004061.2](#)**Protein Accession#**[NP_004052.2](#)**Gene Name**

CDH12

Gene Alias

CDHB, FLJ34857

Gene Description

cadherin 12, type 2 (N-cadherin 2)

Omim ID[600562](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin appears to be expressed specifically in the brain and its temporal pattern of expression would be consistent with a role during a critical period of neuronal development, perhaps specifically during synaptogenesis. [provided by RefSeq]

Other Designations

Br-cadherin|N-cadherin 2|OTTHUMP00000115709|brain-cadherin|cadherin 12, type 2|cadherin, neural type, 2|cadherin-12|neuronal cadherin 2

Disease

- [Adenocarcinoma](#)
- [Bipolar Disorder](#)

- [Esophageal Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Tobacco Use Disorder](#)