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Datasheet for ABIN7321153
Cadherin 13 Protein (CDH13)

1 Image

Overview

Quantity: 100 µg

Target: Cadherin 13 (CDH13)

Origin: Rat

Source: HEK-293 Cells

Protein Type: Recombinant

Product Details

Purpose: Recombinant Rat Cadherin-13/CDH13 Protein

Sequence: Met1-Ala692

Characteristics: A DNA sequence encoding the rat CDH13 (NP_620244.1)(Met1-Ala692) was expressed with six amino acids (LEVLFQ) at the C-terminus.

Purity: > 90 % as determined by SDS-PAGE

Endotoxin Level: < 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target: Cadherin 13 (CDH13)

Alternative Name: Cadherin-13/CDH13 ([CDH13 Products](#))

Background: CDH13, also known as cadherin-13 and H Cadherin, is a member of the cadherin superfamily. CDH13 acts as a negative regulator of axon growth during neural differentiation. It also protects vascular endothelial cells from apoptosis due to oxidative stress, and is associated with resistance to atherosclerosis. CDH13 is localized to the surface of the cell

Target Details

membrane and is anchored by a GPI moiety, rather than by a transmembrane domain. CDH13 gene is hypermethylated in many types of cancer.

Synonym: CDH13

Molecular Weight: 74.3 kDa

NCBI Accession: [NP_620244](#)

Pathways: [EGFR Signaling Pathway](#), [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

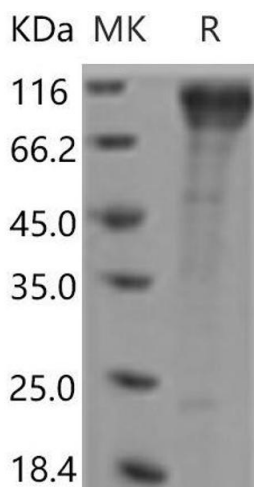
Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Images



Western Blotting

Image 1.