

Datasheet for ABIN7318967

Protocadherin 1 Protein (PCDH1) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Protocadherin 1 (PCDH1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Protocadherin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Protocadherin-1/PCDH1 Protein (His Tag)
Sequence:	Thr58-Asn852
Characteristics:	Recombinant Human Protocadherin-1 is produced by our Mammalian expression system and the target gene encoding Thr58-Asn852 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Protocadherin 1 (PCDH1)
Alternative Name:	Protocadherin-1/PCDH1 (PCDH1 Products)
Background:	Background: Protocadherin-1, also known as Cadherin-like protein 1, Protocadherin-42 and PCDH1, belongs to the protocadherin subfamily within the cadherin superfamily. PCDH1 contains seven cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic

Target Details

region. PCDH1 can be detected as early as embryonic day 9.5. In early embryogenesis, expression is especially prominent in blood vessels. The tight spatial and temporal regulation of Pcdh1 expression suggests that this protocadherin plays multiple roles not only during development but also in mature tissues and organs. In addition, protocadherin-1 is involved in cell-cell interaction processes and in neural cell adhesion.

Synonym: Protocadherin-1, Cadherin-Like Protein 1, Protocadherin-42, PC42, PCDH1

Molecular Weight: 87.3 kDa

UniProt: [Q08174](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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.