

Datasheet for ABIN7321152
CDH15 Protein (Fc Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CDH15
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDH15 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Rat Cadherin-15/CDH15 Protein (Fc Tag)
Sequence:	Met1-Gly602
Characteristics:	A DNA sequence encoding the rat CDH15 (Q75NI5) (Met1-Gly602) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 92 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

Target Details

Target:	CDH15
Alternative Name:	Cadherin-15/CDH15 (CDH15 Products)
Background:	Background: Cadherin-15, also known as CDH15, is a member of the cadherin superfamily. Cadherins consist of an extracellular domain containing 5 cadherin domains, a transmembrane region, and a conserved cytoplasmic domain. Cadherins are calcium dependent cell adhesion

Target Details

proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus contribute to the sorting of heterogeneous cell types. Cadherin-15 contains 5 cadherin domains. It is expressed in some normal epithelial tissues and in some carcinoma cell lines. Defects in CDH3 are the cause of ectodermal dysplasia with ectrodactyly and macular dystrophy (EEM), also known as EEM syndrome, Albrechtsen-Svendsen syndrome or Ohdo-Hirayama-Terawaki syndrome. Ectodermal dysplasia defines a heterogeneous group of disorders due to abnormal development of two or more ectodermal structures. EEM is an autosomal recessive condition characterized by features of ectodermal dysplasia such as sparse eyebrows and scalp hair, and selective tooth agenesis associated with macular dystrophy and ectrodactyly.

Synonym: CDH15

Molecular Weight:	90.6 kDa
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UniProt:	Q75NI5
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Application Details

Restrictions:	For Research Use only
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Handling

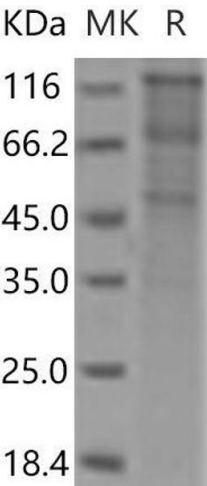
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.