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Datasheet for ABIN7454085

## E-cadherin Protein (AA 155-708) (His tag)

### Overview

Quantity:	100 µg
Target:	E-cadherin (CDH1)
Protein Characteristics:	AA 155-708
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This E-cadherin protein is labelled with His tag.

### Product Details

Purpose:	Cynomolgus E-Cadherin/Cadherin-1 Protein
Sequence:	Asp155-Pro708
Characteristics:	Recombinant Cynomolgus E-Cadherin/Cadherin-1 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Asp155-Pro708.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

### Target Details

Target:	E-cadherin (CDH1)
Alternative Name:	E-Cadherin ( <a href="#">CDH1 Products</a> )

## Target Details

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Background:	E-cadherin is the core component of epithelial adherens junctions, essential for tissue development, differentiation, and maintenance. It is also fundamental for tissue barrier formation, a critical function of epithelial tissues.
Molecular Weight:	61.48 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">A0A2K5V299</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Tube Formation</a>

## Application Details

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Restrictions: For Research Use only

## Handling

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Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months