Datasheet for ABIN7504286

Cadherin-16 Protein (CDH16) (AA 19-786) (His tag)

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Overview

Quantity:	100 µg
Target:	Cadherin-16 (CDH16)
Protein Characteristics:	AA 19-786
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cadherin-16 protein is labelled with His tag.

Product Details

Purpose:	Human CDH16/Cadherin 16 Protein
Sequence:	Lys19-Ala786
Characteristics:	Recombinant Human CDH16/Cadherin 16 Protein is expressed from HEK293 with His tag at the N-terminus.It contains Lys19-Ala786.
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:	Cadherin-16 (CDH16)
Alternative Name:	CDH16 (CDH16 Products)

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Target Details

Background:	Cadherin (CDH)16/kidney-specific-cadherin was first described as a kidney-specific adhesion molecule and thereafter found expressed also in the thyroid gland. CDH16 is a thyroid-selective and hormone-dependent adhesion protein that might play a role during thyroid development and that may be a useful marker to monitor thyroid carcinomas.
Molecular Weight:	MW 84.37 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only

Handling

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 0.22 µm filtered solution in 50 mM Tris, 100 mM NaCl (pH 8.0). 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