

For Research Use Only

Recombinant Human Cadherin-17 protein (rFc Tag)

Catalog Number: Eg2889



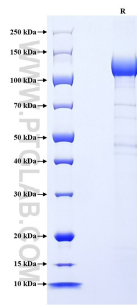
Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/µg protein, LAL method Source: HEK293-derived Human Cadherin-17 protein Gln23-Met787 (Accession# Q12864) with a rabbit IgG Fc tag at the C-terminus. GeneID: 1015 Accession: Q12864 Predicted Molecular Mass: 111.0 kDa SDS-PAGE: 110-140 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Cadherin-17 (CDH17), also known as Liver-Intestine cadherin (LI-cadherin), is a member of the cadherin superfamily. Cadherin-17 is expressed in various tissues, including the intestine and liver, and plays a role in cell adhesion, proliferation, and migration in colorectal cancer (CRC) metastasis. It binds and activates α2β1 integrin, promoting cell adhesion and proliferation. High expression of Cadherin-17 is significantly associated with liver metastasis and poor survival in patients with colorectal cancer.		
References	1. Bartolomé RA. et al. (2024). J Exp Clin Cancer Res. 43(1):31. 2. Bartolomé RA. et al. (2014). Oncogene. 33(13):1658-1669.		
Synonyms	CDH17, Cadherin 17, Cadherin-17, CDH16, HPT 1		

For technical support and original validation data for this product please contact

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Selected Validation Data



Purity of Recombinant Human Cadherin-17 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) conditions and stained using Coomassie blue.