

For Research Use Only

Recombinant Mouse APCDD1 protein (rFc Tag)



Catalog Number: Eg2690

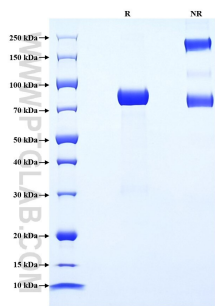
Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Mouse APCDD1 protein Leu27-Thr492 (Accession# Q3U128) with a rabbit IgG Fc tag at the C-terminus. GeneID: 494504 Accession: Q3U128 Predicted Molecular Mass: 79.3 kDa SDS-PAGE: 80-90 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	APCDD1 (adenomatosis polyposis coli down-regulated 1) is a membrane-bound glycoprotein conserved during vertebrate evolution that regulates important biological processes controlled by Wnt signaling. APCDD1 is a membrane-bound glycoprotein that is abundantly expressed in human HF (hair follicles) and can interact in vitro with WNT3A and LRP5, two essential components of Wnt signaling. APCDD1 may be modified by glycosylation.		
References	1. Neupane S. (2015). Histochem Cell Biol. 144(4):377-87. 2. Shimomura Y. (2010). Nature. 15;464(7291):1043-7.		
Synonyms	Adenomatosis polyposis coli down-regulated 1 protein homolog, Apcdd1, Drapc1, Protein APCDD1		

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

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Selected Validation Data



Purity of Recombinant Mouse Apcdd1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.