

For Research Use Only

Recombinant Mouse APCDD1 protein (rFc Tag)



Catalog Number: Eg2690

Basic Information	Species: Mouse	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
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Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g 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 μ m 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 HFs (hair follicles) and can interact in vitro with WNT3A and LRP5, two essential components of Wnt signaling. APCDD1 may be modified by glycosylation.

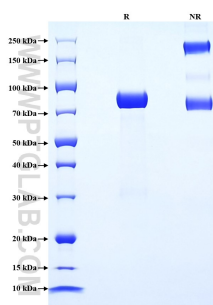
References

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

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.

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

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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