

APCDD1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76154
Synonyms:	Adenomatosis polyposis coli down-regulated 1 protein; DRAPC1; HYPT1
Species:	Human
Source:	HEK293
Accession:	NP_694545.1 (L27-G486)
Gene ID:	147495
Molecular Weight:	Approximately 85.7 kDa.

PROPERTIES

AA Sequence	<pre> LLHPDSRSHP RSLEKSAWRA FKESQCHHML KHLHNGARIT VQMPPTIEGH WVSTGCEVRS GPEFITRSYR FYHNNTFKAY QFYYGSNRCT NPTYTLIRG KIRLRQASWI IRGGTEADYQ LHNVQVICHT EAVA EKLGQQ VNRTC PGFLA DGGPWVQDVA YDLWREENG C ECTKAVNFAM HELQLIRVEK QYLHHLNDHL VEELFLGDIH TDATQRMFYR PSSYQPPLQN AKNHHDHACIA CRIIYRSDEH HPPILPPKAD LTIGLHGWEV SQRCEVRPEV LFLTRHFIFH DNNNTWEGHY YHYS DPVCKH PTFSIYARGR YSRGVLS SRV MGGTEFVFKV NHMKVTPMDA ATASLLNVFN GNECGAEGSW QVGIQQDVTH TNGCVALGIK LPHTEYEIFK MEQDARGRYL LFNGQRPSDG SSPDRPEKRA TSYQMPLVQC ASSSPRAEDL AEDSGSSLYG </pre>
Biological Activity	Immobilized APCDD1 at 1 µg/mL (100 µL/well) can bind Biotinylated Wnt-3a protein. The ED50 for this effect is 148.7 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

The APCDD1 protein acts as an inhibitor of the Wnt signaling pathway. Mutations in this gene have been linked to hereditary hypotrichosis simplex, a condition characterized by hair loss. Additionally, overexpression of APCDD1 may be connected to the development of colorectal cancer. The gene exhibits biased expression in the skin (RPKM 30.0), fat (RPKM 14.2), and 13 other tissues.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA