

PRODUCT INFORMATION

CDH3 **Target**

Synonyms CDHP; HJMD; PCAD

Recombinant human CDH3(441-546) Protein with **Description**

C-terminal human Fc tag

Delivery In Stock **Uniprot ID** P22223 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Storage & Shipping

Background

CDH3(Val441-Pro546) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight**

37.6 kDa after removal of the signal peptide. The apparent molecular mass of CDH3(441-546)-hFc is approximately 35-55 kDa due to glycosylation.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a classical cadherin of the cadherin superfamily. Alternative splicing results

in multiple transcript variants, at least one of

which encodes a preproprotein that is proteolytically processed to generate the mature glycoprotein. This calcium-dependent cell-cell adhesion protein is comprised of five extracellular cadherin repeats, a transmembrane region and a

highly conserved cytoplasmic tail. This gene is located in a gene cluster in a region on the long arm of chromosome 16 that is involved in loss of heterozygosity events in breast and prostate cancer. In addition, aberrant expression of this protein is observed in cervical adenocarcinomas.

Mutations in this gene are associated with hypotrichosis with juvenile macular dystrophy and ectodermal dysplasia, ectrodactyly, and macular

dystrophy syndrome (EEMS). [provided by RéfSeq, Nov 2015]

Usage Research use only

Conjugate Unconjugated

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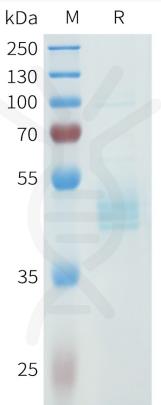
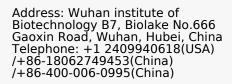


Figure 1. Human CDH3(441-546) Protein, hFc Tag on SDS-PAGE under reducing condition.



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