

# Recombinant Full Length Human CDH3 Protein, GST-tagged

Cat. No. CDH3-3149HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDH3 full-length ORF (AAH41846.1, 1 a.a. - 829 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	829 amino acids
<b>Description</b>	<p>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 RefSeq, Nov 2015]</p>
<b>Molecular Mass</b>	117.9 kDa
<b>AA Sequence</b>	MGLPRGPLASLLLLQVCWLQCAASEPCRAVFREA EVTLEAGGAEQEPGQALGKVF MGCPGQEPALFSTDND DFTVRNGETVQERRSLKERNPLKIFPSKRILRRHKRDWVV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

APISVPENGGKPPFQRLNQLKSNKDRDTKIFYSITGPGADSPPEGVFAVEKETGWLL  
 LNKPLDREEIAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKFTQDTFRGSVLE  
 GVLPGTSVMQMTATDEDDAIYTYNGVVAYSIHSQEPKDPHMLMFTIHRSTGTISVISS  
 GLDREKVPEYTLTIQATDMDGDGSTTTAVAVVEILDANDNAPMFDPQKYEAHPEN  
 AVGHEVQRLTVTDLDAPNSPAWRATYLIMGGDDGDHFTITTHPESNQGILTTRKGLD  
 FEAKNQHTLYVEVTNEAPFVLKLPSTATIVVHVEDVNEAPVFVPPSKVVEVQEGIPT  
 GEPVCVYTAEDPDKENQKISYRILRDPAGWLAMPDPSGQVTAVGTLDREDEQFVRN  
 NIYEVMLAMDNGSPPTTGTGTLTLLTLDVNDHGPVPEPRQITICNQSPVRQVLNITD  
 KDLSPHTSPFQAQLTDDSDIYWTAEVNEEGDTVVLSLKKFLKQDTYDVHLSLSDHGN  
 KEQLTVIRATVCDCHGHVETCPGPWKGGFILPVLGAVLALLFLLLVLVLRKKRRIKE  
 PLLLPEDDTRDNVFIYGGEEGGGEEEDQDYDITQLHRGLEARPEVLRNDVAPTIPTP  
 MYRPRPANPDEIGNFIENLKAANTDPTAPPYDTLLVFDYEGSGSDAASLSSLTSSAS  
 DQDQDYDYLNEWGSRFKKLADMYGGGEDD

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CDH3 cadherin 3, type 1, P-cadherin (placental) [ Homo sapiens ]
<b>Official Symbol</b>	CDH3
<b>Synonyms</b>	CDH3; cadherin 3, type 1, P-cadherin (placental); cadherin 3, P cadherin (placental);



cadherin-3; CDHP; PCAD; calcium-dependent adhesion protein, placental; HJMD;

**Gene ID** 1001

**mRNA Refseq** NM\_001793

**Protein Refseq** NP\_001784

**MIM** 114021

**UniProt ID** P22223

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA