



CDH3 (Recombinant)

Cat. No. PT009

Lot. No. (See product label)

Product Description

Human CDH3 gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium-dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. This gene is located in a six-cadherin 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 have been associated with congenital hypotrichosis with juvenile macular dystrophy.

State	Solution
Concentration	0.5 mg/mL
Purity	> 90%
Formulation	Formulated in 20 mM pH 8.0 TRIS-HCL Buffer, with proprietary formulation of NaCl, KCl, EDTA, L-Arginine, DTT and Glycerol
Sterilization Method	Filtration
Storage/Stability	-20 °C
Shelf Life	Minimum of 6 months from date of receipt
Accession Number	NP_001784
Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGFEFDWVVPISVPENGKG PFPQRLNQLKSNKDRDTKIFYISITGPGADSPPEGVFAVEKETGWLLL NKPLDREEIIAKYELFGHAVSENGASVEDPMNISIIVTDQNDHKPKFTQ

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

www.matexcel.com/hydrogel

Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166



DTFRGSVLEGVLPGTSMQVTATDEDDAIYTYNGVVAYSIHSQEPKD
PHDLMFTIHRSTGTISVISSGLDREKVPEYTLTIQATDMDGDGSTTTAV
AVVEILDANDNAPMFDPQKYEAHVPENAVGHEVQRLTVTDLDAPNSP
AWRATYLMGGDDGDHFTITTHPESNQGILTTRKGLDFEAKNQHTLY
VEVTNEAPFVLKLPTSTATIVVHVEDVNEAPVFVPPSKVVEVQEGIPT
GEPVCVYTAEDPDKENQKISYRILRDPAGWLAMPDPSGQVTAVGTL
DREDEQFVRNNIYEVMLAMDNGSPPTTGTGTLLLLTLIDVNDHGPVP
EPRQITICNQSPVRQVLNITDKDLSPTSP
FQAQLTDDSDIYWTAEVNEEGDTVVLSLKKFLKQDTYDVHLSLSDHG
NKEQLTVIR
ATVCDCHGHVETCPGPWKGG

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

www.matexcel.com/hydrogel

Address: SUITE 210, 17 Ramsey Road, Shirley, NY 11967

Email: info@matexcel.com Tel: 1-631-869-4956 Fax: 1-631-910-2166