

Recombinant Human CDH3 Protein, His-tagged

Cat. No. CDH3-168H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CDH3 Protein(AAH41846.1)(25-654 aa) is produced by our Mammalian expression system and is expressed with a 6His tag at the C-terminus.

Species Human

Source Mammalian Cells

ProteinLength 25-654 aa

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular Mass 70.4 KDa

AASequence

EPCRAVFREA EVTLEAGGAEQEPGQALGKVFMGCPGQEPALFSTDNDDFTVRNGE
 TVQERRSLKE RNPLKIFPSKRILRRHKRDWVVPISVPENGGKGPFPQRLNQLKSNK
 DRDTKIFYSITGPGADSPP EGVFAVEKETGWLLLNKPLDREEIAKYELFGHAVSENG
 ASVEDPMNISIIVTDQNDHKPKFTQDT FRGSVLEGLVLPGTSVMQMTATDEDDAIYTY
 NGVVAYSIIHSQEPKDPHDLMTIHRSTGTISVISS GLDREKVPEYTLTIQATDMDGD
 GSTTTAVAVVEILDANDNAPMFDQKYEAHVPENAVGHEVQRL TVTDLDAPNSPA
 WRATYLIMGGDDGDHFTITTHPESNQGILTTRKGLDFEAKNQHTLYVEVTNEA PFVL
 KLPTSTATIVVHVEDVNEAPVFVPPSKVVEVQEGIPTGEPVCVYTAEDPDKENQKISY
 RIL RDPAGWLAMPDPSGQVTAVGTLDREDEQFVRNNIYEMVLAMDNGSPPTTGT
 GTLLLTLDIVNDH GPVPEPRQITICNQSPVRQVLNITDKDLSPHTSPFQAQLTDDSDI
 YWTAEVNEEGDTVVLSLKKF LKQD TYDVHLSLSDHGNKEQLTVIRATVCDCHGHVE
 TCPGPWKGGVDHHHHHH

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Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 90% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at $2-8^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than $100\mu\text{g/ml}$. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

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

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SDS-PAGE

SEC-HPLC

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