

Active Recombinant Human CDH3 protein, His-tagged

Cat. No. CDH3-169H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH3 protein(Asp108-Gly654), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	108-654 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of A431 human epithelial carcinoma cells. When 1×10^5 cells/well are added to rhP-CAD/Fc Chimera coated plates (10 µg/mL with 100 µL/well), approximately 50-60% will adhere after 1.5 hours at 37° C.
Molecular Mass	60.86 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 85 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

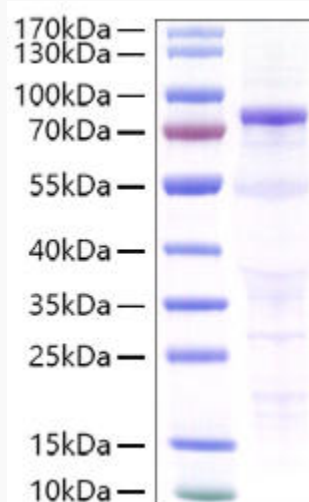
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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



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