

Recombinant Cynomolgus CDH3 Protein, His Tagged

Cat. No. CDH3-11246C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cynomolgus Cadherin-3 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 108-Gly 654 (Accession # A0A2K5WPN9). This protein carries a polyhistidine tag at the C-terminus. Predicted N-terminus: Asp 108
Species	Cynomolgus
Source	HEK293
ProteinLength	108-654 aa
Description	Cadherin-3 also known as P-cadherin is a classical cell-to-cell adhesion molecule with a homeostatic function in several normal tissues. In humans, cadherin-3 is only detected in a few organs. However, its overexpression is strongly associated with a poor prognosis in some solid tumors including breast, lung and pancreatic cancers.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	The protein has a calculated MW of 61.9 kDa. The protein migrates as 70-85 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU/µg by the LAL method/rFC method.
Purity	>90% as determined by SDS-PAGE.

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Storage This product is stable after storage at: -20 to -70 centigrade for 12 months in lyophilized state; -70 centigrade for 3 months under sterile conditions after reconstitution. For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

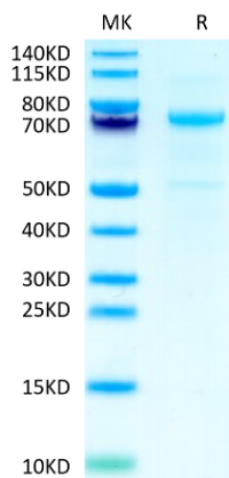
Gene Name	CDH3 cadherin 3 [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	CDH3
Synonyms	CDH3; cadherin 3; cadherin-3; cadherin 3, type 1, P-cadherin (placental)
Gene ID	102142204
mRNA Refseq	XM_005592358
Protein Refseq	XP_005592415
UniProt ID	A0A2K5WPN9

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SDS-PAGE



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