# Recombinant Rat Cdh8, LEVLFQ tagged

**Cat. No.** Cdh8-24R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rat Cdh8 (NP_445845.2) (Met1-Met621), fused with six amino acids (LEVLFQ) at the C-terminus, was produced in Human Cells. |
| **Species** | Rat |
| **Source** | Human Cells |
| **ProteinLength** | 1-621 a.a. |
| **Predicted N Terminal** | Ala 30 |
| **Form** | Lyophilized from sterile PBS, pH 7.4.Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. |
| **Molecular Mass** | The recombinant rat CDH8 comprises 599 amino acids and predicts a molecular mass of 65.9 kDa. The apparent molecular mass of the recombinant protein is approximately 76-85 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| **Endotoxin** | < 1.0 eu per μg of the protein as determined by the LAL method. |
| **Purity** | >80 % as determined by SDS-PAGE |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70oC. |

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| **Storage** | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4℃ before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | Cdh8 cadherin 8 [ Rattus norvegicus ] |
| **Official Symbol** | Cdh8 |
| **Gene ID** | 84408 |
| **mRNA Refseq** | NM_053393 |
| **Protein Refseq** | NP_445845 |

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