

PRODUCT INFORMATION

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| Target | PCDH18 |
| Synonyms | PCDH68L |
| Description | Recombinant human PCDH18 protein with C-terminal human Fc tag |
| Delivery | Under development |
| Uniprot ID | Q9HCL0 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | PCDH18 (Lys28-Ser699) hFc (Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 99.44 kDa after removal of the signal peptide. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage&Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This gene encodes a protein which contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. Although its specific function is undetermined, the cadherin-related neuronal receptor is thought to play a role in the establishment and function of specific cell-cell connections in the brain. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |

