HUMAN PCDH18 PROTEIN, HFC TAG

Cat.#: 11708

Product Name: Human PCDH18 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: PCDH68L

Target: PCDH18

UNIPROT ID: Q9HCL0

Description: Recombinant human PCDH18 protein with C-terminal human Fc tag

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 99.44 kDa after removal of the signal peptide.

Molecular Characterization: PCDH18 (Lys28-Ser699) hFc (Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

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