PRODUCT INFORMATION

Target	PCDH18
Synonyms	PCDH68L
Description	Recombinant human PCDH18 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q9HCL0
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	PCDH18(Lys28-Asp697) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 75.1 kDa after removal of the signal peptide. The apparent molecular mass of PCDH18-His is approximately 100-130 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% 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

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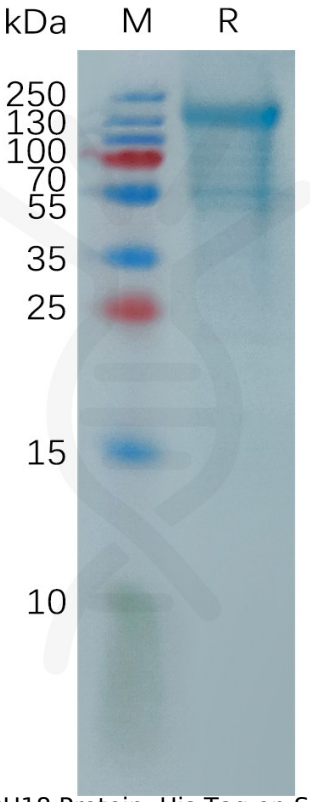


Figure 1. Human PCDH18 Protein, His Tag on SDS-PAGE under reducing condition.

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