

Catalog Number: 230-30118

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**Recombinant Human Protocadherin-8/PCDH8 Protein****Source**

<b>Species</b>	Human
<b>Accession Number</b>	O95206-1
<b>Gene Symbol</b>	PCDH8
<b>Expressed Region</b>	Lys30-Pro749
<b>Synonyms</b>	Human Protocadherin-8/PCDH8 Protein, Protocadherin-8, Protocadherin 8, ARCADLIN, PAPC, Arcadlin

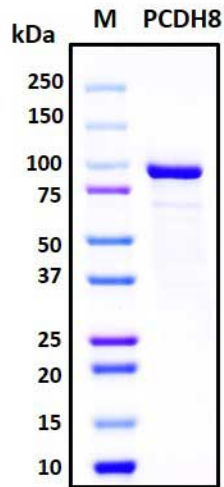
**Preparation**

<b>Expression System</b>	Human Embryonic Kidney 293 (HEK293) Cells
<b>Tag</b>	N-terminal His-tag
<b>Purification</b>	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
<b>Purity</b>	>95%
<b>Purity Determined By</b>	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
<b>Molecular Weight</b>	Recombinant human protocadherin-8 protein has a calculated molecular mass of 76 kDa. Due to the abundant glycosylation sites, it migrates as approximately 100 kDa protein bands in SDS-PAGE under DTT, beta-mercaptoethanol reducing conditions.

**Protein Specifications**

<b>Format</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS (pH 7.4)
<b>Concentration</b>	Determined by BCA protein assay
<b>Reconstitution</b>	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water.

SDS-PAGE Image



## Shipping

Ice packs

## Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.

This product is furnished for **LABORATORY RESEARCH USE ONLY**.

Not for diagnostic or therapeutic use.