

# Recombinant Full Length Human PCDH8 Protein, Flag tagged

Cat. No. PCDH8-30HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant protein of human protocadherin 8 (PCDH8), transcript variant 1 with C-Flag tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293T
<b>ProteinLength</b>	1-1070 aa
<b>Description</b>	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails.
<b>Form</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Molecular Mass</b>	109.9 kDa
<b>AASequence</b>	MSPVRRWGSPCLFPLQLFSLCWVLSVAQSKTVRYSTFEEDAPGTVIGTLAEDLHMK VSGDTSFRLMKQFNSSLRVREGDGQLTVGDAGLDRERLCGQAPQCVLAFDVVSF SQEQFRLVHVEVEVRDVNDHAPRFPRAQIPVEVSEGAAVGTRIPLEVPVDEDVGAN GLQTVRLAEPHSPFRVELQTRADGAQCADLVLLQELDRESQAAYSLELVAQDGGRP

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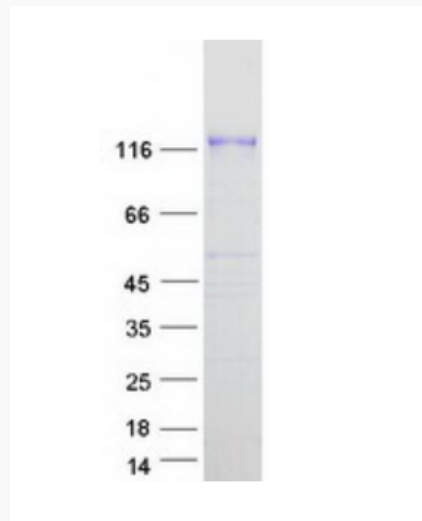
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 NENVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Notes</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage</b>	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	>0.05 µg/µL as determined by microplate BCA method

## GENE INFORMATION

<b>Gene Name</b>	PCDH8 protocadherin 8 [ <i>Homo sapiens</i> (human) ]
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<b>Official Symbol</b>	PCDH8
<b>Synonyms</b>	PCDH8; protocadherin 8; protocadherin-8; ARCADLIN; PAPC;
<b>Gene ID</b>	5100
<b>mRNA Refseq</b>	NM_002590
<b>Protein Refseq</b>	NP_002581
<b>MIM</b>	603580
<b>UniProt ID</b>	O95206

**SDS-PAGE**

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