

Recombinant Human PCDH7

Cat. No. PCDH7-29959TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: KQLLRRLAE EGPADVRLGN VASDLGIVTG SGEVTFSLES GSEYLKIDNL TGELSTSERR IDREKLPQCQ MIFDENECFL DFEVSVIGPS QSWV of Human PCDH7 (amino acids 31-124) with N terminal proprietary tag, 35.97 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	94 amino acids
Description	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes a protein with an extracellular domain containing 7 cadherin repeats. The gene product is an integral membrane protein that is thought to function in cell-cell recognition and adhesion. Alternative splicing yields isoforms with unique cytoplasmic tails.
Molecular Weight	35.970kDa inclusive of tags
Tissue specificity	Expressed predominantly in brain and heart and at lower levels in various other tissues.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KQLLRYLAEEGPADVRIGNVASDLGIVTGSGEVTFSLESGSEYLKIDNLTGELSTSE RRIDREKLPQCQMIFDENECFLDFEVSIGPSQSWV
Sequence Similarities	Contains 7 cadherin domains.

GENE INFORMATION

Gene Name	PCDH7 protocadherin 7 [Homo sapiens]
Official Symbol	PCDH7
Synonyms	PCDH7; protocadherin 7; BH protocadherin (brain heart); protocadherin-7; BH Pcdh;
Gene ID	5099
mRNA Refseq	NM_001173523
Protein Refseq	NP_001166994
MIM	602988
Uniprot ID	O60245
Chromosome Location	4p15

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Function

calcium ion binding;

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