

Recombinant Human PCDH20 protein, His & T7-tagged

Cat. No. PCDH20-1129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCDH20 aa. (Arg64~Phe209 (Accession # Q8N6Y1) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Arg64~Phe209
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 19.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.7.

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	PCDH20 protocadherin 20 [Homo sapiens (human)]
Official Symbol	PCDH20
Synonyms	PCDH20; protocadherin 20; PCDH13; protocadherin-20; protocadherin 13
Gene ID	64881
mRNA Refseq	NM_022843.3
Protein Refseq	NP_073754.2
UniProt ID	Q8N6Y1

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