

Active Recombinant Human PCDHA4 Protein, His-tagged

Cat. No. PCDHA4-780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCDHA4 (Accession # NP_113688) Met1-Asn697, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Met1-Asn697
Predicted N Terminal	No results obtained: Gln30 predicted
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of BCE C/D-1b bovine corneal endothelial cells. The ED50 for this effect is typically 0.025-0.1 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human PCDHA4, His-tagged has a calculated MW of 73.0 kDa. In SDS-PAGE migrates as 80-100 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	PCDHA4 protocadherin alpha 4 [Homo sapiens (human)]
Official Symbol	PCDHA4
Synonyms	PCDHA4; CNR1; CNRN1; CRNR1; PCDH-ALPHA4; protocadherin alpha 4; protocadherin alpha-4; PCDH-alpha-4; KIAA0345-like 10; ortholog of mouse CNR1
Gene ID	56144
mRNA Refseq	NM_018907
Protein Refseq	NP_061730
MIM	606310
UniProt ID	Q9UN74
Chromosome Location	5q31

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