

Active Recombinant Human CDH4 protein, His-tagged

Cat. No. CDH4-601H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CDH4 protein(NP_001785.2) (Met 1-Ala 734) was expressed in HEK293 with a fused polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-734 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of C6 Rat brain glial cells. Human CAD4 immobilized at 0.8 µg/ml, 100 µl/well will mediate >20% C6 cell adhesion.
Molecular Mass	The recombinant pro form of human CAD4 comprises 725 amino acids and predicts a molecular mass of 80 kDa. As a result of glycosylation, rhCAD4 migrates as an approximately 90-100 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name CDH4 cadherin 4, type 1, R-cadherin (retinal) [Homo sapiens]

Official Symbol CDH4

Synonyms CDH4; cadherin 4, type 1, R-cadherin (retinal); cadherin-4; R Cadherin; R-CAD; R-cadherin; retinal cadherin; cadherin 4, type 1, preproprotein; CAD4; RCAD; FLJ22202; FLJ40547; MGC126700; MGC138355;

Gene ID 1002

mRNA Refseq NM_001252338

Protein Refseq NP_001239267

MIM 603006

UniProt ID P55283

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA