

Active Recombinant Human CDH7, His-tagged

Cat. No. CDH7-448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH7 (Accession # BAA87415) Met1-Thr607, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	1-607 a.a.
Predicted N Terminal	Ser48
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of U-87 MG human glioblastoma/astrocytoma cells. The ED50 for this effect is typically 1.0 - 4.0 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human CDH7, His-tagged has a calculated MW of 62.2 kDa. In SDS-PAGE migrates as 80 - 90 kDa, reducing conditions.
Purity	>95%, 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

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months (-70°C).

GENE INFORMATION

Gene Name	CDH7 cadherin 7, type 2 [Homo sapiens]
Official Symbol	CDH7
Synonyms	CDH7; cadherin 7, type 2; cadherin-7; CDH7L1;
Gene ID	1005
mRNA Refseq	NM_004361
Protein Refseq	NP_004352
MIM	605806
UniProt ID	Q9ULB5
Chromosome Location	18q22.1

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