

Recombinant Mouse Cdh1 Protein, MYC/DDK-tagged

Cat. No. Cdh1-858M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cadherin 1 (Cdh1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes E-cadherin, a calcium-dependent cell adhesion molecule that functions in the establishment and maintenance of epithelial cell morphology during embryogenesis and adulthood. The encoded preproprotein undergoes proteolytic processing to generate a mature protein. Targeted mutations disrupting binding of calcium to the encoded protein in mice cause death in utero due to failed blastocyst and trophectoderm formation. This gene is located adjacent to a related cadherin gene on chromosome 8.
Molecular Mass	98.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Cdh1 cadherin 1 [Mus musculus (house mouse)]

Official Symbol Cdh1

Synonyms Cdh1; cadherin 1; Um; UVO; Ecad; ARC-1; E-cad; L-CAM; AA960649; cadherin-1; E-cadherin; epithelial cadherin; uvomorulin

Gene ID 12550

mRNA Refseq NM_009864

Protein Refseq NP_033994

UniProt ID P09803

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