

Recombinant Mouse Cdh3 Protein, MYC/DDK-tagged

Cat. No. Cdh3-862M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cadherin 3 (Cdh3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a calcium-dependent cell-cell adhesion protein containing five cadherin domains. The encoded protein plays a role in epithelial outgrowth, such as that which occurs during the development of hair follicles and limb buds. Loss of function of the related gene in humans results in ectodermal dysplasia, ectrodactyly, and macular dystrophy and congenial hypotrichosis with juvenile macular dystrophy. This gene is located in the vicinity of similar cadherin genes on chromosome 8. The proprotein is further cleaved into a functional chain. Alternative splicing results in multiple transcript variants.
Molecular Mass	91 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.

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Concentration >50 µg/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name Cdh3 cadherin 3 [Mus musculus (house mouse)]

Official Symbol Cdh3

Synonyms Cdh3; cadherin 3; Cadp; Cdhp; Pcad; AI385538; P-cadherin; cadherin-3; RPE-specific cadherin; placental cadherin

Gene ID 12560

mRNA Refseq NM_007665

Protein Refseq NP_031691

UniProt ID Q8BRE1

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