

Recombinant Mouse Cdh11 Protein, MYC/DDK-tagged

Cat. No. Cdh11-859M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse cadherin 11 (Cdh11), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a type II classical cadherin and preproprotein that is proteolytically processed to generate a mature protein product. This protein product is an integral membrane protein that mediates calcium-dependent cell-cell adhesion, specifically in the context of bone development. Homozygous knockout mice for this gene exhibit impaired synovium development and reduced bone density. Multiple pseudogenes of this gene have been identified in the genome.
Molecular Mass	88.6 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 µg/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 [Cdh11 cadherin 11 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Cdh11](#)

Synonyms Cdh11; cadherin 11; Cad11; OSF-4; cadherin-11; OB-cadherin; osteoblast cadherin

Gene ID [12552](#)

mRNA Refseq [NM_009866](#)

Protein Refseq [NP_033996](#)

UniProt ID [P55288](#)

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