

Recombinant Mouse Cdhr5 Protein, Myc/DDK-tagged

Cat. No. Cdhr5-2083M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cadherin-related family member 5 (Cdhr5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Intermicrovillar adhesion molecule that forms, via its extracellular domain, calcium-dependent heterophilic complexes with CDHR2 on adjacent microvilli. Thereby, controls the packing of microvilli at the apical membrane of epithelial cells. Through its cytoplasmic domain, interacts with microvillus cytoplasmic proteins to form the intermicrovillar adhesion complex/IMAC. This complex plays a central role in microvilli and epithelial brush border differentiation.
Molecular Mass	88.2 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 [Cdhr5 cadherin-related family member 5 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Cdhr5](#)

Synonyms Cdhr5; cadherin-related family member 5; Mucdh; Mupcd; Mucdhl; Mupcdh; AI481143; 1810074H01Rik; cadherin-related family member 5; mu-protocadherin; mucin and cadherin-like protein; mucin-like protocadherin

Gene ID [72040](#)

mRNA Refseq [NM_001114322](#)

Protein Refseq [NP_001107794](#)

UniProt ID [Q8VHF2](#)

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