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Product Information

MemDX™ Membrane Protein Human CDH8 (Cadherin 8) Full Length

Cat. No.: **MPC2482K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human CDH8 membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
CDH8

Protein Length
Full length

Protein Class
Cell adhesion

TMD
1

Sequence
MPERLAEMLLDLWTPLIILWITLPPCIYMAPMNQSQVLMSGSPLELNSLG
EEQRILNRSKRGWVWNQMFVLEEFSGPEPILVGRLHTDLDPGSKKIKYIL
SGDGAGTIFQINDVTGDIHAIKRLDREEKAEYTLTAQAVDWETSKPLEPP
SEFIIKVQDINDNAPEFLNGPYHATVPEMSILGTSVTNVTATDADDPVYG
NSAKLVYSILEGQPYFSIEPETAIIKTALPNMDREAKEEYLVVIQAKDMG
GHSGGLSGTTTLTVTLTDVNDNPPKFAQSLYHFSVPEDVVLGTAIGRVKA
NDQDIGENAQSSYDIIDGDGTALFEITSDAQAQDGIIRLRKPLDFETKKS
YTLKVEAANVHIDPRFSGRGPFKDTATVKIVVEDADEPPVFSSPTYLLEV
HENAALNSVIGQVTARDPDITSSPIRFSIDRHTDLERQFNINADDGKITL
ATPLDRELSVWHNITIIATEIRNHSQISRVPVAIKVLDVNDNAPEFASEY
EAFLCENGKPGQVIQTVSAMDKDDPKNGHYFLYSLLPEMVNNPNFTIKKN
EDNSLSILAKHNGFNRQKQEVYLLPIIISDSGNPPLSSTSTLTIRVCGCS
NDGVVQSCNVEAYVLPIGLSMGALIAILACIILLLVIVVLFVTLRRHKNE
PLIIKDDEDVRENIIRYDDEGGGEEDTEAFDIATLQNPDGINGFLPRKDI
KPDLQFMPRQGLAPVPNGVDVDEFINVRLHEADNDPTAPPYDSIQIYGYE
GRGSVAGSLSSLESTTSDSDQNFDYLSDWGPRFKRLGELYSVGESDKET

Product Description

Expression Systems
HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CDH8

Full Name

Cadherin 8

Introduction

This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. The extracellular domain consists of 5 subdomains, each containing a cadherin motif, and appears to determine the specificity of the protein's homophilic cell adhesion activity. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance.

Alternative Names

CDH8; Nbla04261; cadherin-8; cadherin 8, type 2; Cadherin 8

Gene ID

1006

UniProt ID

P55286

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