

Product Information

MemDX™ Membrane Protein Human DCHS2 (Dachsous cadherin-related 2) Full Length

Cat. No.: **MPC1907K**

This product is for research use only and is not intended for diagnostic use.

This product is a 370.2 kDa Human DCHS2 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

DCHS2

Protein Length

Full length

Protein Class

Cell adhesion

Molecular Weight

370.2 kDa

TMD

2

Sequence

MSPCGRKMGEGRQRRAPVGKLLLLPGRRDTPHGRSGSSGARTQRSLLWL
LVHVWLWAASGSSAQLFNLTLSVDEGLPPDTLVGDIRAGLPAAQQQEGSG
FFLSDDSDDSPLLDDFHVHPDTGIIRTARRLDRERRDHYSFVAATLLGAV
VQVEIRVNDVNDHSPRFPLDSLQLDVSELSPPGTAFRLPVAHDPDAGLFS
TQGYTLVQPSDLPKDPAGPFFQLRYRTPGPLPSPLPGSSSPLEPLDLVL
LRRDLREEAAAHRLQIEAWDGGPRRRTGLLSVELRVLDENDNPPVFEQDE
YRAAVREDAQPGAECRVRATDRDLGPNGFVRYSVRARQVPGAGSGGGAL
GDAAYFAVEELSGVVRVWRPLDREAQAWHQLVVEARDGGAEPVATVRVS
IAVLVDVNDNRPAIHVLFLEGGVARVSEGARPGDYVARVSVSDADGDWEK
EDEATGELGVGLDGSISLSLEGGEEDFALLPGGPPGVFFLCVEGPLDRE
SRDLYELLLVATDAGSPPLSTEETLLLRVADLNDQPPLFSQQHYKASVSE
AAPGTVMWVSASDADEAGSDHAWLRYTVVQLSAPCNLGSLSKQSMVHTA
ECGPSFAIDSESGAISTIRTLDRVQEAVELKVVAQDLGEPPLSATCLVS
ITVDDVNDNEPIFWRQVYNATIAEHAPVGHCFQVTASDADSGLYGFIEY
SLYDGFLSYEAPQAFRIDPHDGQICVSQDIDRERDPATYDLLVEAKDGGG
LSAQAFVRVDLEDVNDNHPVFNSTYVTSISDETQPGTEIINVLATDQDS
GIYGTAYELIPGNVSSLFTIDSTTGIIYLTPLSHLESTTSLMVSAQD
GGGLTAVINADVTHIFQTTLAPAEFERPKYTFLVYEDVPEDSPIGTVKA
REPLNSSEPIFYRISSGDLGGKFSIHPRLGTIRTRKPLDHETQPVVVLT
QAQLGSAPACSSTEVNITVMDVNDNHPAFLRTSDEIRISQTTPPGTALYL
ARAEDRDSGRNGLIRYSIASPQPGVFAIDRALGVFLNGLSGAGEQREL

LTLEADQGVHPQAALLVLTVEIKREHSPSWTFEHLVYQVEVSESLSPM
TQMLQTQAHPLGPQRAASPLRYSLEPSVDSAMFGIRPYTGWYILRRQFDY
ESTQTYNFRVFAWIPEDGFLQNVSTTVIVRVWDENDNSPTFLHDLVFLKV
EESPVPQGVIGKITAIDMSGKNGQLLYFLLSDGKFFKMNPNTGELINWV
ALDREHRGHHEMTVLVTDGRSPPRNATMAVYVSVTDINDNRPFFPQCLPG
KELHVKVLEGGQPVNMLVTTVFAKDPDEGNNAEVTYSVSSSEDSSDHFKIDA
NNGEIRTTTILSYDYRPSYRMSVIATDQGVPLQGGQAVVNIQVIPLSKGR
AIMSQNIRHLIIPENLKPTKIMSLIKSSDHLQQHYNGLHFSIVADDDKG
HFEIDSSTGDLFLSKELDYETTSHYLFVRVITTDHKNLSLSSSTVFLSIDV
EDQNDHSPSFQDELIVSEENVPIGTLYVYVFNKDDDDGSFLNSRIQYYI
ESHNPGTNPFLIHPSFGTLVTVSRDLRESIPTVILTVTASDAQVNVTDNR
LRSLTAQIVILDVNDHNPTFISFPNAHVKEDVTVGSVHHITAHDPDEGR
NGKVITYSILSGNENMTFMLESSGLTTTTCPDYEMKTQHILTVLALDDG
TPALSSSQTLTVTLVDVNDAPVFKQHLYEASVKNQNPGEFVTRVEALD
RDSGVNSKLQFEIMPGASFELFEINSDTGEVVTITLDREIQEVFTLRVL
VRDGGFSPSLSSTTTILCTVEDENDHAPEFIVSSYDIEVLENQEPEVVYTV
LASDMDAGNNRAVEYHIIDGNTDECFTINEMSGELSTTRALDREQISNFT
LVILCSDLGDPSSVHLQVRVLDANDHSPSFPTLYYQSSVREDAEVGT
VVLVLSAVDKDEGLNGQTEYFLTDEASGAFTIDPMSGTLKTSNTLDREAR
SQHTFSAVARDCSIQGSRTTIIKVYVTDVNDNDPVLEQNPFDFVLSPE
SPTNQTTVIVRADDLDLGPNGTVVFSFAETQSMFSIDKYTGEIQFQQNPS
SEYFPIWLQLKVTDQGIPARTTTGLLVHMEGEDVKISFSHLYKGLVTE
NCEAGTSIVTVKAFAPDSIQDSMKYSIFSGNEDGVLSCSKSGQLTVKEP
KFLDFEVRNEVQLVLAESSGHRAYCKVAVLIQDENDNSPCFEQSIYQAS
VSESQLYNAHVIVQVFATDLDSGLNGLIEYSILSGNQEEAFQIDALSGVIT
TKAILDYELTSSYSLIVQATDKGMPRLSNTTVIKVQVTDINDNAPAFPLPS
EAVEITEDSLPGVIVTHVSVHVDLNSAFIFSFAKESNPGTKFAIDQNTG
VVVLVKTLDFEEMTEYELLIQISDSVHYTEGALVVRVLDVNDNPPVFSQD
FYQVTVPEVIPVGYSVLTLSATDLESNENISYRILSSSKEFSIDPKNGTI
FTISPVLLLDITSTTQFLVEASDGGNPDLRALTLVEIGIEDMNNYAPEFT
VKSYNLSLSEDALVGSTLVTFSNIDHDWTRENTYVEYSIISGNSQNNFHV
ETKFFHSEYPYKQVGYLVLLHSLDREASASHELVLASDSCGPPLSSTAV
ISIQVLDVNDNPPNFSSLSYHHTHVKESTPLGSHITVVSANDRDTGSHAEI
IYNIISGNEKGHFYLEENTGVLYLIKPLDYEKMTKFTLTVQASDAEKKHF
SFAVVFVSVLDDNDHAPQFMFSSFSFSCIVPENLPISSTICSINALDFDAGP
YGELTYSIVSPCFLTHGMSYDHLFLIDPLTGDIHAKQILDYENGKNKYCL
TVQAKDKGDATASLVVWVDIEGIDEFEPIFTQDQYFFTLPEKNKDRQLIG
RVEASDADAGIDGVILYSLGTSSPFFSVNKTNGNIYLIRALPLIKSQLNK
EDTLEMKIIAHSPKSDSKFASCTVFVNVFSFSEGTPLAVFASSFSISLVV
SFLVFLILICILIVMILRHKKQKDTINNYEEKTSSLDADLRVTRDASVLK
AFQKTDCCSNEVVPVDATPEWLSLISIMEKDIVNLYRHSNSSGHCSVEGE
TAEDKEIQRINEHPYRKCSDSALSDHESRVPDSGIPRDSQQLSCLSGETD
VMVTAETAASQTFGEGDQGEGETTCAQNNVLPQTVQKREAKESILADV
RKESVFISGDQEVRCALSTQTTSDHDGKDNYHWNLYLLSWEKPKFQPLASV
FNDIAKLKDEHLHMPGIPKEKKSFFVPPPLITAVAQPGIKAVPPRMPAVN
LGQVPPKHPRSPIPYHLGSLPEGMTPNFSPSLSLLTMQPPALSPLLREGE
LLGTHISGTCHELKADEVQI

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

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

DCHS2

Full Name

Dachsous cadherin-related 2

Introduction

This gene encodes a large protein that contains many cadherin domains and likely functions in cell adhesion. Genome-wide association studies suggest that this gene may be important in Alzheimer's disease, compressive strength index, and appendicular lean mass.

Alternative Names

DCHS2; CDHJ; CDH27; CDHR7; PCDHJ; PCDH23; protocadherin-23; cadherin J; cadherin-like 27; cadherin-like protein CDHJ; cadherin-like protein VR8; cadherin-related family member 7; protein dachsous homolog 2; protocadherin 23; protocadherin J; protocadherin PCDHJ; Dachsous cadherin-related 2

Gene ID

[54798](#)

UniProt ID

[Q6V1P9](#)