

Product Information

MemDX™ Membrane Protein Human ADGRG2 (Adhesion G protein-coupled receptor G2)

Full Length

Cat. No.: **MPC0014K**

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

This product is a 111.5 kDa Human ADGRG2 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

ADGRG2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

111.5 kDa

TMD

7

Sequence

MVFSVRQCGHVGRTVEVLLTFKIFLVIICLHVVLVTSLEEDTDNSSLSP
PAKLSVVSFAPSSNGTPEVETSLNDVTLSELLPSNETEKTITIVKTFNA
SGVKPQRNICNLSSICNDSAFFRGEIMFQYDKESTVPQNHITNGTLTG
LSLSELKRSELNKTQLTSETYFIMCATAEAQSTLNCTFTIKLNNTMNAC
AVIAALERVKIRPMEHCCCSVRIPCPSSPEELEKLQCDLQDPVCLADHP
RGPPFSSSQSIPVVPRAVLSQVPKATSFAPPDYSPVTHNVPSPIGIEIQ
PLSPQPSAPIASSPAIDMPPQSETISSPMPQTHVSGTPPPVKASFSSPTV
SAPANVNTTSAPPVQTDIVNTSSISDLENQVLQMEKALSLGSLEPNLAGE
MINQVSRLLHSPDMLAPLAQRLLKVVDDIGLQLNFSNTTISLTSPSLAL
AVIRVNASSFNTTTFVAQDPANLQVSLETQAPENSIGTITLPSSLMNNLP
AHDMEASRVQFNFFETPALFQDPSLENLSLISYVISSSVANLTVRNLTR
NVTVTLKHINPSQDELTVRCVFWDLGRNGGRGWSGSDNGCSVKDRRLNETI
CTCSHLTSFGVLLDLSRTSVLPAQMMALTFITYIGCGLSSIFLSVTLVTY
IAFEKIRRDYPSKILQLCAALLLNLFLLDSWIALYKMQGLCISVAVF
LHYFLLVSFTWMGLEAFHMYLALVKVFNTYIRKYILKFCIVGWGVPVAVV
TIILTISPDNYGLGSYGKFPNGSPDDFCWINNNVAFYITVVG YFCVIFLL
NVSMFIVVLVQLCRIKKKKQLGAQRKTSIQDLRSIAGLTFLLGITWGF
FAWGPVNVTFMYLFAIFNTLQGFFIFIFYCVAKENVRKQWRRYLCCGKLR
LAENSDWSKTATNGLKKQTVNQGVSSSSNSLQSSSNSTNSTLLVNND

VHASGNGNASTERNVSVFSVQNGDVCLHDFTGKQHMFNEKEDSCNGKGRM
ALRRTSKRGSLHFIEQM

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 -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ADGRG2

Full Name

Adhesion G protein-coupled receptor G2

Introduction

This gene encodes a member of the G protein-coupled receptor family described as an epididymis-specific transmembrane protein. The encoded protein may be proteolytically processed as it contains a motif shown to be a protein scission motif in some members of this family (PMID: 11973329). Multiple transcript variants encoding different isoforms have been found for this gene.

Alternative Names

HE6; EDDM6; GPR64; CBAVDX; TM7LN2; G protein-coupled receptor 64; G protein-coupled receptor, epididymis-specific (seven transmembrane family); epididymal protein 6; human epididymis-specific protein 6; ADGRG2; Adhesion G protein-coupled receptor G2

Gene ID

[10149](#)

UniProt ID

[Q8IZP9](#)