

Product Information

MemDX™ Membrane Protein Human ADGRE2 (Adhesion G protein-coupled receptor E2)

Full Length

Cat. No.: **MPC0008K**

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

This product is a 72.6 kDa Human ADGRE2 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

ADGRE2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

72.6 kDa

TMD

7

Sequence

MGGRVFLVFLAFCVWLTLPGAETQDSRGCARWCPQDSSSCVNATACRCNPG
FSSFSEIITTPMETCDDINECATLSKVSCGKFSDCWNTEGSYDCVCSPGY
EPVSGAKTFKNESENTCQDVDECQQNPRLCKSYGTCVNTLGSYTCQCLPG
FKLKPEDPKLCTDVNCTSGQNPCHSSTHCLNNVGSYQCRCPGWQPIPG
SPNGPNNTVCEDVDECSSGQHQCDSSTVCFNTVGSYSCRCRPGWKPRHGI
PNNQKDTVCEDMTFSTWTPPPGVHSQTLRFFDKVQDLGRDYKPLANNT
IQSILQALDELLEAPGDLETLPRLQQHCVASHLLDGLLEDVLRGLSKNLSN
GLLNFSYPAGTELSLEVQKQVDRSVTLRQNAVMQLDWNQAQKSGDPGPS
VVGLVSIPGMGKLLAEAPLVLEPEKQMLLHETHQGILLQDQSPILLSDVIS
AFLSNNDTQNLSSPVTFTFSHRSVIPRQKVLGVFWEHGQNGCGHWATTGC
STIGTRDTSTICRCTLHSSFAVLMAHYDVQEEDPVLTVITYMGLSVSLLC
LLLAALTFLCKAIQNTSTSLHLQLSLCLFLAHLFLVAIDQTGHKVLCS
IIAGTLHYLYLATLTWMLLEALYLFLTARNLTVVNYSSINRFMKKLMFPV
GYGVPAVTVAISAASRPHLYGTSPRCWLQPEKGFIWGFGLGPVCAIFSVNL
VLFLVTLWILKNRLSSLNSEVSTLRNTRMLAFKATAQLFILGCTWCLGIL
QVGPAARVMAYLFTIINSLQGVFIFLVYCLLSQQVREQYGKWSKGIRKLK
TESEMHTLSSSAKADTSKPSTVN

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

ADGRE2

Full Name

Adhesion G protein-coupled receptor E2

Introduction

This gene encodes a member of the class B seven-span transmembrane (TM7) subfamily of G-protein coupled receptors. These proteins are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor-like domains coupled to a TM7 domain via a mucin-like spacer domain. The encoded protein is expressed mainly in myeloid cells where it promotes cell-cell adhesion through interaction with chondroitin sulfate chains. This gene is situated in a cluster of related genes on chromosome 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

VBU; CD97; EMR2; CD312; CD97 antigen; EGF-like module-containing mucin-like hormone receptor-like 2; Leukocyte antigen CD97; egf-like module containing, mucin-like, hormone receptor-like 2; ADGRE2; Adhesion G protein-coupled receptor E2

Gene ID

[30817](#)

UniProt ID

[Q9UHX3](#)