

Product Information

MemDX™ Membrane Protein Human ADGRE3 (Adhesion G protein-coupled receptor E3)

Full Length

Cat. No.: **MPC0009K**

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

This product is a 90.5 kDa Human ADGRE3 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

ADGRE3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

90.5 kDa

TMD

7

Sequence

MQGPLLLPGLCFLLSLFGAVTQKTKTSCAKCPPNASCVNNTHTCTCNHGYT
SGSGQKLFTFPLETCNDINECTPPYSVYCGFNAVVCYNVEGSFYCQCVP
RLHSGNEQFSNSNENTCQDTTSSKTTEGRKELQKIVDKFESLLTNQTLWR
TEGRQEISSTATTILRDVESKVLLETALKDPEQKVLKIQNDSVAIETQAIT
DNCSEERKTFNLNVQMNSMDIRCSDIQGDTQGPSAIAFISYSSLGNIIN
ATFFEEMDKKDQVYVLSQVVSAAIGPKRNVSLSKSVTLTFQHVKMTPSTK
KVFCVYWKSTGQGSQWSRDGCFLIHVNKSHTMCNCSHLSSFAVLMA
EEDPVLTVITYVGLSVSLCLLLAALTFLLCFAIRNTSTSLHLQLSLCLF
LAHLLFLVGIDRTEPKVLCIIAGALHYLYLAAFTWMLLEGVHLFLTARN
LTVVNYSSINRLMKWIMFPVGYGVPVAVTVAISAASWPHLYGTADRCWLHL
DQGFMSWFLGPVCAIFSANLVLFILVFWLKRKLSSLNSEVSTIQNTRML
AFKATAQLFILGCTWCLGLLQVGPAAQVMAYLFTIINSLQGFFIFLVYCL
LSQQVQKQYQKWFREIVKSKSESETYTLSSKMGPDSPSEGDVFPQGVKR
KY

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

ADGRE3

Full Name

Adhesion G protein-coupled receptor E3

Introduction

This gene encodes a member of the class B seven-span transmembrane (TM7) receptor family expressed predominantly by cells of the immune system. Family members are characterized by an extended extracellular region with a variable number of N-terminal epidermal growth factor (EGF)-like domains coupled to a TM7 domain via a mucin-like spacer domain. This gene is closely linked to the gene encoding egf-like molecule containing mucin-like hormone receptor 2 on chromosome 19. This protein may play a role in myeloid-myeloid interactions during immune and inflammatory responses. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

EMR3; EGF-like module receptor 3; EGF-like module-containing mucin-like hormone receptor-like 3; egf-like module containing, mucin-like, hormone receptor-like 3; egf-like module-containing mucin-like receptor 3; ADGRE3; Adhesion G protein-coupled receptor E3

Gene ID

[84658](#)

UniProt ID

[Q9BY15](#)