

Product Information

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

Expressed *in vitro* *E.coli* expression system, Full Length of Mature Protein

Cat. No.: **MPX3165K**

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

This product is a Human ADGRE3 membrane protein expressed *in vitro* *E.coli* expression system. 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 of Mature Protein

Protein Class

GPCR

TMD

7

Sequence

SSFAVLMA LTSQEEDPVLTVITYVGLSVSLLCLLLAALTFL LCKAIRNTSTSLHLQLSLCLFLAHL LFLVGIDRTEPKVLC SIAGALHYLY

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

ADGRE3; 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; Adhesion G protein-coupled receptor E3

Gene ID

[84658](#)

UniProt ID

[Q9BY15](#)