

Product Information

MemDX™ Recombinant Human ADGRG1 Membrane Protein in Virus-Like Particles (MP-VLPs)

Cat. No.: **S01YF-0723-KX158**

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

This product is recombinant Human ADGRG1 in VLPs form.

Product Specifications

Host Species

Human

Target Protein

ADGRG1

Protein Length

Full length

Protein Class

GPCR

TMD

7

Sequence

AA 26-693 (Accession # Q9Y653-1)

Product Description

Activity

Yes

Application

ELISA; Antibody Production; Antibody Discovery; Antibody Characterization; Binding Assays; Functional Assays

Expression Systems

HEK293 expression system

Tag

Tag-free

Protein Format

Membrane Protein-Virus Like Particles (MP-VLPs)

Form

Liquid

Endotoxin

<1.0 EU per µg by the LAL method.

Buffer

PBS, Arginine, pH7.4

Storage

The product should be stored at -20°C or lower. Avoid freeze-thaw cycles.

Target**Target Protein**

ADGRG1

Full Name

Adhesion G protein-coupled receptor G1

Introduction

This gene encodes a member of the G protein-coupled receptor family and regulates brain cortical patterning. The encoded protein binds specifically to transglutaminase 2, a component of tissue and tumor stroma implicated as an inhibitor of tumor progression. Mutations in this gene are associated with a brain malformation known as bilateral frontoparietal polymicrogyria. Alternative splicing results in multiple transcript variants.

Alternative Names

BFPP; BPPR; GPR56; TM7LN4; TM7XN1; 7-transmembrane protein with no EGF-like N-terminal domains-1; G protein-coupled receptor 56; testicular tissue protein Li 77; ADGRG1; Adhesion G protein-coupled receptor G1

Gene ID

[9289](#)

UniProt ID

[Q9Y653](#)