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Product Information

NativeExtract™ Human ADGRG1 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX390**
This product is for research use only and is not intended for diagnostic use.

This product is recombinant Human ADGRG1 protein in native nanodisc form. The synthetic compound we developed can solubilize the ADGRG1 protein from membrane while retaining the native structure.

Product Specifications

Host Species
Human

Target Protein
ADGRG1

Protein Length
Full length

Molecular Weight
77.7 kDa

Sequence
Accession # Q9Y653

Product Description

Activity
Yes

Application
ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems
HEK293 expression system

Tag
Flag tag at the C-terminus

Protein Format
Native Nanodisc

Form
Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -80°C.

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

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