

Product Information

MemDX™ Membrane Protein Human ADGRG1 (Adhesion G protein-coupled receptor G1)

Full Length

Cat. No.: **MPC0013K**

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

This product is a 77.7 kDa Human ADGRG1 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

ADGRG1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

77.7 kDa

TMD

7

Sequence

MTPQSLLQTTLFLLSLLFLVQGAHGRGHREDFRFCSQRNQTHRSSLHYKP
TPDLRISIENSEEALTVHAPFPAHPASRSFPDPRGLYHFCLYWNRHAGR
LHLLYGKRDFFLLSDKASSLLCFQHQEESLAQGPPLLATSVTSWWSPQNIS
LPSAASFTFSFHSPPHATAAHNASVDMCELKRDQLLSQFLKHPQKASRRP
SAAPASQQQLQSLESKLTSVRFMGDMVSFEEDRINATVWKLQPTAGLQDLH
IHSRQEEEQSEIMEYSVLLPRTLFRQTKGRSGEAEKRLLLVDFSSQALFQ
DKNSSQVLGEKVLGIVVQNTKVANLTPVVLTTFQHQLPKNVTLQCVFWV
EDPTLSSPGHWSSAGCETVRRETQTSCFCNHLTYFAVLMVSSVEVDAVHK
HYLSLLSYVGCVVSAACLVITIAAYLCSRVPPLPCRRKPRDYTIKVHMNLL
LAVFLDTSFLLSEPVALTGSEAGCRASAIHLHFSLLTCLSWMGLEGYNL
YRLVVEVFGTYVPGYLLKLSAMGWGFPIFLVTLVALVDVDNYGPILAVH
RTPEGVIYPSMCWIRDSLVSITNLGLFSLVFLFNMAMLATMVVQILRLR
PHTQKWSHVLTLGLSLVLGLPWALIFFSFASGTFQLVVLYLFSIITSFQ
GFLIFIWYWSMRLQARGGPSPLKSNDSARLPISSGSTSSSRI

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

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](#)