

Product Information

MemDX™ Membrane Protein Human ADGRA1 (Adhesion G protein-coupled receptor A1)

Full Length

Cat. No.: **MPC2567K**

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

This product is a made-to-order Human ADGRA1 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

ADGRA1

Protein Length

Full length

Protein Class

GPCR

TMD

7

Sequence

MDLKTVLSPRYPGEFLHPVYACTAVMLLCLLASFVTYIVHQSAIRISR
KGRHTLLNFCFHAAALTFTVFAAGGINRTKYPILCQAVGIVLHYSTLSTM
IGVTARNIYKQVTKKAPLCLTDQPPYPRQPLLRFLVSGGVPFIICGVT
AATNIRNYGTEDEDATAYCWMAWEPSLGAFYGPAAITLVTCVYFLGTYVQ
LRRHPGRRYELRTQPEEQRRLATPEGGRGIRPGTPPAHDAPGASVLQNEH
SFQAQLRAAAFTLFLFTATWAFGALAVSQGHFLDMVFSCLYGAFCVTLGL
FVLIHHCAKREDVWQCWWACCPRKDAHPALDANGAALGRAACLHSPGLG
QPRGFAHPPGPKMTNLQAAQGHASCLSPATPCCAKMHCEPLTADEAHVH
LQEEGAFGHDPHLHGCLQGRTKPPYFSRHPAEEPEYAYHIPSSLGSPRS
SRTDSPPSSLDPAGTHTLACCTQGDPFFMVTQPEGSDGSPALYSCPTQP
GREAAALGPGLHEMLRRTQSLPGGPSQNGLPKGKLLEGLPFGTDGTGNIR
TGPWKNETTV

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ADGRA1

Full Name

Adhesion G protein-coupled receptor A1

Introduction

This gene encodes a protein that belongs to the adhesion family of G-protein-coupled receptors. Members of this family function in several sensory systems and regulate blood pressure, immune responses, food intake and development. A similar protein in rodents is thought to play a role in the regulation of neuronal signaling pathways. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Alternative Names

ADGRA1; GPR123; G-protein coupled receptor 123; probable G-protein coupled receptor 123; Adhesion G protein-coupled receptor A1

Gene ID

[84435](#)

UniProt ID

[Q86SQ6](#)