

Product Information

MemDX™ Membrane Protein Human GPR161 (G protein-coupled receptor 161) Full Length

Cat. No.: **MPC0136K**

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

This product is a 58.5 kDa Human GPR161 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

GPR161

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

58.5 kDa

TMD

7

Sequence

MSLNSSLSCRKELSNLTEEEGGEGGVITQFIAIIVITIFVCLGNLVIVV
TLYKKS YLLTSLNKFVFSLTLSNFLSVLVLPFVVTSSIRREWIFGVVWC
NFSALLYLLISSASMLTLGVIAIDRYAVLYPMVYPMKITGNRAVMALVY
IWLHSLIGCLPPLFGWSSVEFDEFKWMCVAAWHREPGYTAFWQIWCAFP
FLVMLVCYGFIFRVARVKARKVHCGTVVIVEEDAQRTGRKNSSTSTSSSG
SRRNAFQGVVYSANQCKALITLVVLGAFMVTWGPYMVVIASEALWGKSS
VSPSLETWATWLSFASAVCHPLIYGLWNKTVRKELLMCFGDRYYREPFV
QRQRTSRLFSISNRITDLGLSPHLTALMAGGQPLGHSSSTGDTGFSCSQD
SGTDMMLLEDYTSDDNPPSHCTCPPKRRSSVTFEDEVEQIKEAAKNSILH
VKAIEVHKSLDSYAASLAKAIEAEAKINLFGEEALPGVLVTARTVPGGGFG
GRRGSRTLVSQRLQLQSIEEGDVLAAEQR

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**

GPR161

Full Name

G protein-coupled receptor 161

Introduction

The protein encoded by this gene is an orphan G protein-coupled receptor whose ligand is unknown. This gene is overexpressed in triple-negative breast cancer, and disruption of this gene slows the proliferation of basal breast cancer cells. Therefore, this gene is a potential drug target for triple-negative breast cancer.

Alternative Names

RE2; G-protein coupled receptor 161; G-protein coupled receptor RE2; GPR161; G protein-coupled receptor 161

Gene ID

[23432](#)

UniProt ID

[Q8N6U8](#)