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Product Information

MemDX™ Membrane Protein Human GPR27 (G protein-coupled receptor 27) Full Length

Cat. No.: **MPC0153K**
This product is for research use only and is not intended for diagnostic use.

This product is a 39.8 kDa Human GPR27 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
GPR27

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
39.8 kDa

TMD
7

Sequence
MANASEPGGSGGGEAAALGLKLATLSLLLCVSLAGNVLFALLIVRERSLH
RAPYYLLLDLCLADGLRALACLPAVMLAARRAAAAAGAPPGALGCKLLAF
LAALFCFHAAFLLLGVGVTRYLAIAHHRFYAERLAGWPCAAMLVCAAWAL
ALAAAFPPVLDGGGDDEDAPCALEQRPDGAPGALGFLLLLAVVVGATHLV
YLRLLFFIHDRRKMRPARLVPAVSHDWTFHGPGATGQAAANWTAGFGRGP
TPPALVGIRPAGPGRGARRLLVLEEFKTEKRLCKMFYAVTLLFLLLWGPY
VVASYLRVLVRPGAVPQAYLTASVWLTFAQAGINPVVCFLFNRELRDCFR
AQFPCCQSPRTTQATHPCDLKGIGL

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

GPR27

Full Name

G protein-coupled receptor 27

Introduction

GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins.

Alternative Names

SREB1; probable G-protein coupled receptor 27; super conserved receptor expressed in brain 1; GPR27; G protein-coupled receptor 27

Gene ID

2850

UniProt ID

Q9NS67