

Product Information

MemDX™ Membrane Protein Human LGR6 (Leucine rich repeat containing G protein-coupled receptor 6) Full Length

Cat. No.: **MPC0279K**

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

This product is a 104.2 kDa Human LGR6 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

LGR6

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

104.2 kDa

TMD

7

Sequence

MPSPPLRALWLCAALCASRRAGGAPQPGPGPTACAPCHCQEDGIMLSA
DCSELGLSAVPGDLDTAYLDLSMNNLTQLPGLFHHLRFLEELRLSGN
HLSHIPGQAFSGLYSLKILMLQNNQLGGIPAEALWELPSLQSLRLDANLI
SLVPERSFEGLSLRLWLDDNALTEIPVRALNNLPALQAMTLALNRISH
IPDYAFQNLTSLVVLHLHNNRIQHLGTHSFEGHLNLETLDLNYNKLQEF
VAIRTLGRLQELGFHNNNIKAIEKAFMGNPQLQTIHFYDNPIQFVGRSA
FQYLPKLHTLSLNGAMDIQEFPLKGTTSLEILTLTRAGIRLLPSGMCQQ
LPRLRVLELSHNQIEELPSLHRCQKLEELGLQHNRIWEIGADTFSQLSSL
QALDLSWNAIRSIHPEAFSTLHSLVKLDLTDNQLTTLPLAGLGGLMHLKL
KGNLALSQAFSKDSFPLRLILEVPYAYQCCPYGMCASFCKASGQWEAEDL
HLDDEESSKRPLGLLARQAENHYDQDLDELQLEMEDSKPHPSVQCSPTPG
PFPKCEYLFESWGIRLAVWAIVLLSVLCNGLVLLTVFAGGPVPLPPVKFV
VGAAGANTLTGISCGLLASVDALTFGQFSEYGARWETGLGCRATGFLAV
LGSEASVLLLTLAAVQCSVSVSCVRAYGKSPSLGSVRAGVLGCLALAGLA
AALPLASVGEYGASPLCLPYAPPEGQPAALGFTVALVMMNSFCFLVAGA
YIKLYCDLPRGDFEAVWDCAMVRHVAVLIFADGLLYCPVAFSLFASMLGL
FPVTPEAVKSVLLVVLPLPACLNPLLYLLFNPHFRDDLRLRLRPRAGDSGP
LAYAAAGELEKSSCDSTQALVAFSDVDLILEASEAGRPPGLETYGFPSVT
LISCQQPGAPRLEGSHCVEPEGNHFGNPQPSMDGELLRLRAEGSTPAGGGL

SGGGGFQPSGLAFASHV

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

LGR6

Full Name

Leucine rich repeat containing G protein-coupled receptor 6

Introduction

This gene encodes a member of the leucine-rich repeat-containing subgroup of the G protein-coupled 7-transmembrane protein superfamily. The encoded protein is a glycoprotein hormone receptor with a large N-terminal extracellular domain that contains leucine-rich repeats important for the formation of a horseshoe-shaped interaction motif for ligand binding. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

GPCR; VTS20631; gonadotropin receptor; LGR6; Leucine rich repeat containing G protein-coupled receptor 6

Gene ID

[59352](#)

UniProt ID

[Q9HBX8](#)