

Product Information

MemDX™ Membrane Protein Human LGR4 (Leucine rich repeat containing G protein-coupled receptor 4) Full Length

Cat. No.: **MPC0277K**

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

This product is a 104.4 kDa Human LGR4 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

LGR4

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

104.4 kDa

TMD

7

Sequence

MPGPLGLLCFLALGLLGSAGPSGAAPPLCAAPCSCDGRRVDCSGKGLTA
VPEGLSAFTQALDISMNNITQLPEDAFKNFPFLEELQLAGNDLSFIHPKA
LSGLKELKVLTLQNNQLKTVPSEAIRGLSALQSLRLDANHITSVPEDSFE
GLVQLRHLLWDDNSLTEVPVHPLSNLPTLQALTLALNKISSIPDFAFTNL
SSLVVLHLHNNKIRSLSQHCDFGLDNLETLDLNNNLGEFPQAIKALPSL
KELGFHSNSISVIPDGAFDGNPLLRTHLYDNPLSFVGNSAFHNLSDLHS
LVIRGASMVQQFPNLTGTVHLESLTLTGTKISSIPNNLCQEQKMLRTL
SYNNIRDLPSFNGCHALEEISLQRNQIYQIKEGTFQGLISLRILDLSRNL
IHEIHSRAFATLGPITNLDVSFNELTSFPTEGLNGLNQLKLVGNFKLKEA
LAAKDFVNLRSLSVPYAYQCCAFWGCDSYANLNTEDNSLQDHSVAQEKG
ADAANVTSTLENEEHSQIIHCTPSTGAFKPCEYLLGSWMIRLTVWFIFL
VALFFNLLVILTTFASCTSLPSSKLFGLISVSNLFMGIYTGILTFDAV
SWGRFAEFGIWWETGSGCKVAGFLAVFSSESAIFLLMLATVERSLSAKDI
MKNGKSNHLKQFRVAALLAFLGATVAGCFPLFHRGEYSASPLCLPFPTGE
TPSLGFTVTLVLLNSLAFLLMAVIYTKLYCNLEKEDLSENSQSSMIKHVA
WLIFTNCIFFCPVAFFSFAPLITAISPEIMKSVTLIFFPLPACLNPVL
YVFFNPKFKEDWKLLKRRVTKKSGSVSVSISQGGCLEQDFYYDCGMYS
LQGNLTVCDCCESFLLTKPVSKHLIKSHSCPALAVASCQRPEGYWSDCG
TQSAHSDYADEEDSFVSDSSDQVQACGRACFYQSRGFPLVRYAYNLPRVK

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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

LGR4

Full Name

Leucine rich repeat containing G protein-coupled receptor 4

Introduction

The protein encoded by this gene is a G-protein coupled receptor that binds R-spondins and activates the Wnt signaling pathway. This Wnt signaling pathway activation is necessary for proper development of many organs of the body.

Alternative Names

GPR48; BNMD17; G protein-coupled receptor 48; LGR4; Leucine rich repeat containing G protein-coupled receptor 4

Gene ID

[55366](#)

UniProt ID

[Q9BXB1](#)