

Product Information

MemDX™ Membrane Protein Human PRLR (Prolactin receptor) Full Length

Cat. No.: **MPC2824K**

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

This product is a made-to-order Human PRLR 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

PRLR

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MKENVASATVFTLLLFLNTCLLNGQLPPGKPEIFKCRSPNKETFTCWWRP
GTDGGLPTNYSITYHREGETLMHECPDYITGGPNSCHFGKQYTSMWRTYI
MMVNATNQMGSSFSDELYVDVTYIVQDPPELAVEVKQPEDRKPYLWIK
WSPPTLIDLKTGWFTLLYEIRLKPEKAAEWEIFAGQQTEFKILSLHPGQ
KYL VQVRCKPDHGYWSAWSPATFIQIPSDFTMNDTTWISVAVLSAVICL
IIVWAVALKGYSMTVCIFPPVPGPKIKGFD AHLLEK GKSEELLSALGCQD
FPPTSDYEDLLVEYLEVDDSEDQHLM SVHSKEHPSQGMKPTYLDPD TDSG
RGSCDSPSLLSEKCEEPQANPSTFYDPEVIEK PENPETHTWDPQCISME
GKIPYFHAGGSKCSTWPLQPSQHNPRSSYHNITDVCELAVGPAGAPATL
LNEAGKDALKSSQTIKSREEGKATQQREVESFHSETDQDTPWLLPQEKTP
FGSAKPLDYVEIHKVNKD GAL SLLPKQRENSGKPKKPGTPENNKEYAKVS
GVMDNNILVLVPDPHAKNVACFEESAKEAPPSLEQNQA EKALANFTATSS
KCRLQLGGLDYLD PACFTHSFH

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**

PRLR

Full Name

Prolactin receptor

Introduction

This gene encodes a receptor for the anterior pituitary hormone, prolactin, and belongs to the type I cytokine receptor family. Prolactin-dependent signaling occurs as the result of ligand-induced dimerization of the prolactin receptor. Several alternatively spliced transcript variants encoding different membrane-bound and soluble isoforms have been described for this gene, which may function to modulate the endocrine and autocrine effects of prolactin in normal tissue and cancer.

Alternative Names

PRLR; HPRL; MFAB; hPRLr; RI-PRLR; hPRL receptor; secreted prolactin binding protein; Prolactin receptor

Gene ID

[5618](#)

UniProt ID

[P16471](#)