

Product Information

MemDX™ Membrane Protein Human PRLR (Prolactin receptor) Expressed in Mammalian cell expression system with hlgG1 FC tag at the C-terminus for Antibody Discovery, Partial (25-234aa)

Cat. No.: **MPX4186K**

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

This product is a 53.3 kDa Human PRLR membrane protein expressed in Mammalian cell expression system. 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

Partial (25-234aa)

Protein Class

Receptor

Molecular Weight

53.3 kDa

TMD

1

Sequence

QLPPGKPEIFKCRSPNKETFTCWWRPGTDGGLPTNYSPTYHREGETLMHECPDYITGGPNSCHFQKQYTSMWRTYIMMVNATNQ

Product Description

Expression Systems

Mammalian cell expression system

Tag

hlgG1 FC tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE.

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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**

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](#)