

Product Information

MemDX™ Membrane Protein Human PRLR (Prolactin receptor) Expressed *in vitro* E.coli expression system, Full Length of Mature Protein

Cat. No.: **MPX0951K**

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

This product is a Human PRLR membrane protein expressed *in vitro* E.coli 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

Full Length of Mature Protein

Protein Class

Receptor

Molecular Weight

71.9kDa

TMD

1

Sequence

QLPPGKPEIFKCRSPNKETFTCWWRPGTDGGLPTNYSPTYHREGETLMHECPDYITGGPNSCHFGKQYTSMWRTYIMMVNATNQ

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus, Myc 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](#)