

Product Information

MemDX™ Membrane Protein Human PRLR (Prolactin receptor) Expressed in NS0 for Antibody Discovery, Partial (25-234aa)

Cat. No.: **MPX0463K**

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

This product is a 51 kDa Human PRLR membrane protein expressed in NS0. 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

51 kDa

TMD

1

Sequence

QLPPGKPEIFKCRSPNKETFTCWWRP
GTDGGLPTNYSPTYHREGETLMHECPDYITGGPNSCHFGKQYTSMWRTYI
MMVNATNQMGSSFSDELYVDVTYIVQDPPELAVEVKQPEDRKPYLWIK
WSPPTLIDLKTGWFTLLYEIRLKPEKAAEWEIHFAGQQTEFKILSLHPGQ
KYLQVVRCKPDHGYWSAWSPATFIQIPSDFTMND

Product Description

Activity

Yes

Expression Systems

NS0

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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](#)