

Product Information

MemDX™ Membrane Protein Human PREB (Prolactin regulatory element binding)

Expressed in *E.coli* with 10xHis tag at the N-terminus, Myc tag at the C-terminus for

Antibody Discovery, Partial (1-388aa)

Cat. No.: **MPX4164K**

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

This product is a 49.8 kDa Human PREB membrane protein expressed in *E.coli*. 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

PREB

Protein Length

Partial (1-388aa)

Protein Class

Transporter

Molecular Weight

49.8 kDa

TMD

1

Sequence

MGRRRAPELYRAPFPLYALQVDPSTGLLIAAGGGGAAGTGIKNGVHFLQLELINGRLSASLLHSHDTETRATMNLALAGDILAAGQD

Product Description

Expression Systems

E.coli

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**

PREB

Full Name

Prolactin regulatory element binding

Introduction

This gene encodes a protein that specifically binds to a Pit1-binding element of the prolactin (PRL) promoter. This protein may act as a transcriptional regulator and is thought to be involved in some of the developmental abnormalities observed in patients with partial trisomy 2p. This gene overlaps the abhydrolase domain containing 1 (ABHD1) gene on the opposite strand.

Alternative Names

PREB; SEC12; mammalian guanine nucleotide exchange factor mSec12; Prolactin regulatory element binding

Gene ID

[10113](#)

UniProt ID

[Q9HCU5](#)