

Product Information

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

Length

Cat. No.: **MPC4518K**

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

This product is a made-to-order Human PREB 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

PREB

Protein Length

Full length

Protein Class

Transporter

TMD

1

Sequence

MGRRRAPELYRAPFPLYALQVDPSTGLLIAAGGGGAAKTGIKNGVHFLQL
ELINGRLSASLLHSHDTETRATMNLALAGDILAAGQDAHCQLLRFQAHQQ
QGNAEKAGSKEQGPRQRKGAAPAEKKCGAETQHEGLELRVENLQAVQTD
FSSDPLQKVVCFNHDNTLLATGGTDGYVRVWKVPSLEKVFKAHEGEIE
DLALGPDGKLVTVGRDLKASVWQKDQLVTQLHWQENGPTFSSTPYRYQAC
RFGQVPDQPAGLRLFTVQIPHKRLRQPPCYLTAWDGSNFLPLRTKSCGH
EVVSCLDVSESGTFLGLGTVTGSAIYIAFSLQCLYYVREAHGIVVTDVA
FLPEKGRGPELLGSHETALFSVAVDSRCQLHLLPSRRSVPVWLLLLLCVG
LIIVTILLQSAFPGFL

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**

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](#)