

Product Information

MemDX™ Membrane Protein Human PTCRA (Pre T cell antigen receptor alpha) Full Length

Cat. No.: **MPC4077K**

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

This product is a made-to-order Human PTCRA 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

PTCRA

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MAGTWLLLLLALGCPALPTGVGGTPFPSPAPPIMLLVDGKQQMVVVCLVL
DVAPPGLDSPWFSAGNGSALDAFTYGPSPATDGTWTNLAHLSLPSEELA
SWEPLVCHTGPGAEGHSRSTQPMHLSGEASTARTCPQEPLRGTPGGALWL
GVLRLLLFKLLFDLLTCSCLCDPAGPLPSPATTTRLRALGSHRLHPAT
ETGGREATSSPRPQPRDRRWGDTTPGRKPGSPVWGEESYLSSYPTCPAQA
WCSRSALRAPSSSLGAFFAGDLPPPLQAGAA

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**

PTCRA

Full Name

Pre T cell antigen receptor alpha

Introduction

The protein encoded by this gene is a single-pass type I membrane protein that is found in immature but not mature T-cells. Along with TCRB and CD3 complex, the encoded protein forms the pre-T-cell receptor complex, which regulates early T-cell development. Four transcript variants encoding different isoforms have been found for this gene.

Alternative Names

PTCRA; PTA; PT-ALPHA; pT-alpha-TCR; pre-T-cell receptor alpha chain; Pre T cell antigen receptor alpha

Gene ID

[171558](#)

UniProt ID

[Q6ISU1](#)