

Product Information

MemDX™ Membrane Protein Human PPIB (Peptidylprolyl isomerase B) for Antibody Discovery

Cat. No.: **MP1017J**

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

This product is a 20.9 kDa Human PPIB membrane protein expressed in HEK293T. 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

PPIB

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

20.9 kDa

Sequence

MLRLSERNMKVLLAAALIAGSVFFLLPGPSAADEKKKGPKVTVKVYFDLRIGDEDVGRVIFGLFGKTP
KTVDFNVALATGEKGFGYKNSKFHRVIKDFMIQGGDFTRGDGTGGKSIYGERFPDENFKLHYGPGWVSM
ANAGKDTNGSQFFITTVKTAWLDGKHVVFGKVLEGMEVRKVESTKTDSDRKPLKDVIIADCGKIEVEKP
FAIAKE

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

PPIB

Full Name

Peptidylprolyl isomerase B

Introduction

The protein encoded by this gene is a cyclosporine-binding protein and is mainly located within the endoplasmic reticulum. It is associated with the secretory pathway and released in biological fluids. This protein can bind to cells derived from T- and B-lymphocytes, and may regulate cyclosporine A-mediated immunosuppression. Variants have been identified in this protein that give rise to recessive forms of osteogenesis imperfecta.

Alternative Names

B; CYP-S1; CYPB; HEL-S-39; OI9; SCYLP

Gene ID

[5479](#)

UniProt ID

[P23284](#)