

Product Information

MemDX™ Membrane Protein Human CYBRD1 (Cytochrome b reductase 1) for Antibody

Discovery

Cat. No.: **MP0322J**

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

This product is a 31.5 kDa Human CYBRD1 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

CYBRD1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

31.5 kDa

TMD

6

Sequence

MAMEGYWRFLALLGSALLVGFLSVIFALVWVLHYREGLGWDGSALEFNWHPVLMVTGFVFIQGIIVYR
LPWTWKCSKLLMKSIHAGLNAVAAILAISVVAVFENHNVNNIANMYSLHSWVGLIAVICYLLQLLSGFS
VFLLPWAPLSLRAFLMPIHVYSGIVIFGTVIATALMGLTEKLIFSLRDPAYSTFPPEGVFVNTLGLLILV
FGALIFWIVTRPQWKRPKEPNSTILHPNGGTEQGARGSMPAYSGNNMDKSDSELNNEVAARKRNALALDEA
GQRSTM

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**

CYBRD1

Full Name

Cytochrome b reductase 1

Introduction

This gene is a member of the cytochrome b(561) family that encodes an iron-regulated protein. It highly expressed in the duodenal brush border membrane. It has ferric reductase activity and is believed to play a physiological role in dietary iron absorption.

Alternative Names

DCYTB; FRRS3; CYB561A2

Gene ID

[79901](#)

UniProt ID

[Q53TN4](#)