

Product Information

MemDX™ Membrane Protein Human CYBC1 (Cytochrome b-245 chaperone 1; essential for reactive oxygen species protein; uncharacterized protein C17orf62)

Cat. No.: **MP0264J**

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

This product is a 20.6 kDa Human CYBC1 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

CYBC1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

20.6 kDa

TMD

1

Sequence

MYLQVETRTSSRLHLKRAPGIRSWSLVGILSIGLAAAYSGDSLWKLFYVTGCLFVAVQNLEDWEEAI
FDKSTGKVVLKTFSLYKKLLTLFRAGHDQVVVLLHDVRDVSVEEKVRYFGKGYMVVLRLATGFSHPLTQ
SAVMGHRSVDAIAKLTSLFELHCLESPTELSQSSDSEAGDPASQS

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**

CYBC1

Full Name

Cytochrome b-245 chaperone 1; essential for reactive oxygen species protein; uncharacterized protein C17orf62

Introduction

Necessary for a stable expression of the CYBA and CYBB subunits of the cytochrome b-245 heterodimer. Controls the phagocyte respiratory burst and is essential for innate immunity.

Alternative Names

CGD5; Eros; C17orf62

Gene ID

[79415](#)

UniProt ID

[Q9BQA9](#)