

Product Information

MemDX™ Membrane Protein Human CD200 (CD200 molecule) for Antibody Discovery

Cat. No.: **MP0510J**

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

This product is a 32.8 kDa Human CD200 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

CD200

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

32.8 kDa

TMD

1

Sequence

MERLTLTRTIGGPLLTATLLGKTTINDYQVIRMPFCHLSTYSLVWVMAAVVLCTAQVQVVTQDEREQLYT
PASLKCQLNAQEALIVTWQKKKAVSPENMVTFSENHGVIQPAYKDKINITQLGLQNSTITFWNITLED
EGCYMCLFNTFGFGKISGTACLTYYVQPIVSLHYKFSEDHLNITCSATARPAPMVFWKVPRSGIENSTVT
LSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVTDFKQTVNKGWFSVPLLLSIVSLVILLVLISI
LLYWKRHRNQDREP

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**

CD200

Full Name

CD200 molecule

Introduction

This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms.

Alternative Names

MOX1; MOX2; MRC; OX-2; CD200 antigen; OX-2 membrane glycoprotein; antigen identified by monoclonal antibody MRC OX-2

Gene ID

[4345](#)

UniProt ID

[P41217](#)