

Product Information

MemDX™ Membrane Protein Human CD200R1 (CD200 receptor 1 expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0185X**

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

This product is a 65.4 kDa Human CD200R1 membrane protein expressed in *in vitro* wheat germ expression system. 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

CD200R1

Protein Length

Full-length

Molecular Weight

65.4 kDa

TMD

1

Sequence

MLCPWRTANLGLLLILTIFLVAEAEAGAAQPNNLSMLQTSKENHALASSSLCMDEKQITQNYSKVLAEVNTSWPVKMATNAVLCCPPI

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target**Target Protein**

CD200R1

Full Name

CD200 receptor 1

Introduction

This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants

Alternative Names

CD200R; HCRTR2; MOX2R; OX2R; MOX2 receptor; cell surface glycoprotein OX2 receptor; cell surface glycoprotein receptor CD200

Gene ID

[131450](#)

UniProt ID

[Q8TD46](#)