

# Product Information

## MemDX™ Membrane Protein Human CD200R1 (CD200 receptor 1) Full Length

Cat. No.: **MPC3545K**

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

This product is a made-to-order Human CD200R1 membrane protein expressed in HEK293. 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

#### Protein Class

Receptor

#### TMD

1

#### Sequence

MLCPWRTANLGLLLITIFLVAASSSLCMDEKQITQNYSKVLAEVNTSWP  
VKMATNAVLCCPPIALRNLIITWEILRGQPSC TKAYRKETNETKETNC  
TDERITWVSRPDQNSDLQIRPVAITHDGYRCIMVTPDGNFHRGYHLQVL  
VTPEVTLFQNRNRTAVCKAVAGKPAAQISWIEGDCATKQEYWSNGTVTV  
KSTCHWEVHNVTVTCHVSHLTGNKSLYIELLPVPGAKKSAKLYIPYIIL  
TIILTIVGFIWLLKVNGCRKYKLNKTESTPVVEEDEMMPYASYTEKNNP  
LYDTTNKVKASEALQSEVDTDLHTL

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

### 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

CD200R1; OX2R; MOX2R; CD200R; HCRT2; cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; MOX2 receptor; cell surface glycoprotein OX2 receptor 1; cell surface glycoprotein receptor CD200; CD200 receptor 1

#### Gene ID

[131450](#)

#### UniProt ID

[Q8TD46](#)