

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

MLCPWRTANLGLLILITIFLVAASSSLCMDEKQITQNYSKVLAEVNTSWP
VKMATNAVLCCPPIALRNLIITWEIILRGQPSCTKAYRKETNETKETNC
TDERITWVSRPDQNSDLQIRPVAITHDGYYRCIMVTPDGNFHRYHLQVL
VTPEVTLFQNQRNRTAVCKAVAGKPAQISWIPEGDCATKQEYWSNGTVTV
KSTCHWEHNVSTVTCHVSHLTGNKSLYIELLPVPGAKKSAKLYIPYIIL
TIIILTIVGFIWLLKVNGCRKYKLNKTESTPVEEDEMQPYASYTEKNNP
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; HCRTR2; 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](#)