

# Recombinant Human CD200R1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** CD200R1-3287H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

CD200R1 MS Standard C13 and N15-labeled recombinant protein (NP\_740750) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

36.6 kDa

### AA Sequence

MLCPWRTANLGLLLILTIFLVAASSSLCMDEKQITQNYSKVLAEVNTSWPVKMATNAV  
LCCPPIALRNLIITWEIILRGQPSC TKAYKKETNETKTNCTDERITWVSRPDQNSDL  
QIRTVAITHDGYRYRCIMVTPDGNFHRGYHLQVLVTPEVTLFQNRNRTAVCKAVAGKP  
AAHISWIPEGDCATKQEYWSNGTVTVKSTCHWEVHNVSTVTCHVSHLTGNKSLYIE  
LLPVPGAKKS AKLYIPYIILTIILTIIVGFIWLLKVNCRKYKLNKTESTPVVEEDEMOPY  
ASYTEKNNPLYDTTNKVKASEALQSEVDTDLHTLTRTRPLEQKLISEEDLAANDILDY

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	KDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CD200R1 CD200 receptor 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CD200R1
<b>Synonyms</b>	CD200R1; CD200 receptor 1; MOX2 receptor, MOX2R; cell surface glycoprotein CD200 receptor 1; CD200R; HCRTR2; OX2R; MOX2 receptor; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; cell surface glycoprotein receptor CD200; MOX2R;
<b>Gene ID</b>	131450
<b>mRNA Refseq</b>	NM_170780
<b>Protein Refseq</b>	NP_740750
<b>MIM</b>	607546

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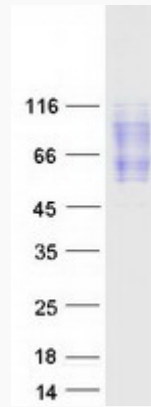
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UniProt ID

Q8TD46

SDS-PAGE



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