

Recombinant Human CD200R1 Protein, Fc-tagged

Cat. No. CD200R1-347H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD200R1, transcript variant 1, fused with Fc tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>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.</p>
Form	Lyophilized from a 0.2 M filtered solution of PBS, pH 7.4
Molecular Mass	53.9kD
AA Sequence	AAQPNNSLMLQTSKENHALASSSLCMDEKQITQNYSKVLAEVNTSWPVKMATNAVL CCPPIALRNLIITWEIILRGQPSTKAYKKETNETKCTDERITWVSRPDQNSDLQI RTVAITHDGYRRCIMVTPDGNFHRGYHLQVLVTPEVTLFQNRNRTAVCKAVAGKPA AHISWIPEGDCATKQEYWSNGTVTVKSTCHWEVHNVSTVTVCHVSHLTGNKSLYIELL PVPGAKKS AKLVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTL MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT

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VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQV
SLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDSFFLYSKLTVDKSRWQQ
GNVFSCSVMHEALHNHYTQKSLSLSPGK

Endotoxin Endotoxin level is <0.1 ng/g of protein (<1EU/g).

Purity >95% as determined by SDS-PAGE and Coomassie blue staining

Concentration Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name [CD200R1](#) [CD200 receptor 1 \[Homo sapiens \]](#)

Official Symbol [CD200R1](#)

Synonyms 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;

Gene ID [131450](#)

mRNA Refseq [NM_138806](#)

Protein Refseq [NP_620161](#)

MIM [607546](#)

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UniProt ID

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