

## Recombinant Human CD200 Protein

Cat. No. CD200-0740H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CD200 full-length ORF (AAH31103.1) recombinant protein without tag.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016]
<b>Form</b>	Liquid
<b>Molecular Mass</b>	30.3 kDa
<b>AA Sequence</b>	MERLVIRMPFCHLSTYSLVWVMAAVVLCTAQVQVVTQDEREQLYTPASLKCSLQNA QEALIVTWQKKKAVSPENMVTFSENHGVVIQPAYKDKINITQLGLQNSTITFWNITLE DEGCMCLFNTFGFGKISGTACLTVYVQPIVSLHYKFSEDHLNITCSATARPAPMVF WKVPRSGIENSTVTLSHPNGTTSVTSILHIKDPKNQVGKEVICQVLHLGTVTDFKQTV NKGYWFSVPLLSIVSLVILLVLISILLYWKRHRNQDREP
<b>Applications</b>	Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Functional Study Compound Screening
<b>Usage</b>	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

<b>Gene Name</b>	CD200 CD200 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD200
<b>Synonyms</b>	CD200; CD200 molecule; antigen identified by monoclonal MRC OX 2, CD200 antigen, MOX1, MOX2; OX-2 membrane glycoprotein; MRC; OX 2; CD200 antigen; MRC OX-2 antigen; antigen identified by monoclonal MRC OX-2; MOX1; MOX2; OX-2;
<b>Gene ID</b>	4345
<b>mRNA Refseq</b>	NM_001004196
<b>Protein Refseq</b>	NP_001004196
<b>MIM</b>	155970
<b>UniProt ID</b>	P41217

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