

Active Recombinant Human CD200 Protein, His-Tagged

Cat. No. CD200-01H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD200 Protein, His-Tagged was expressed in Baculovirus cell line
Species	Human
Source	Insect Cells
ProteinLength	211aa
Description	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.
Form	Liquid
Bio-activity	Measured by its binding ability in a functional ELISA with Human CD200R1
Molecular Mass	23.5 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Applications	SDS-PAGE, Bioactivity
Usage	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

GENE INFORMATION

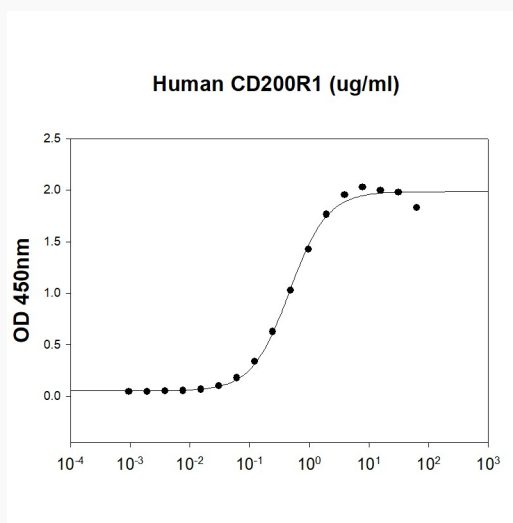
Gene Name	CD200 CD200 molecule [Homo sapiens (human)]
Official Symbol	CD200
Synonyms	OX-2 membrane glycoprotein isoform a, CD200, MOX1, MOX2, MRC, OX-2
Gene ID	4345
mRNA Refseq	NM_005944.7
Protein Refseq	NP_005935.4
MIM	155970
UniProt ID	P41217

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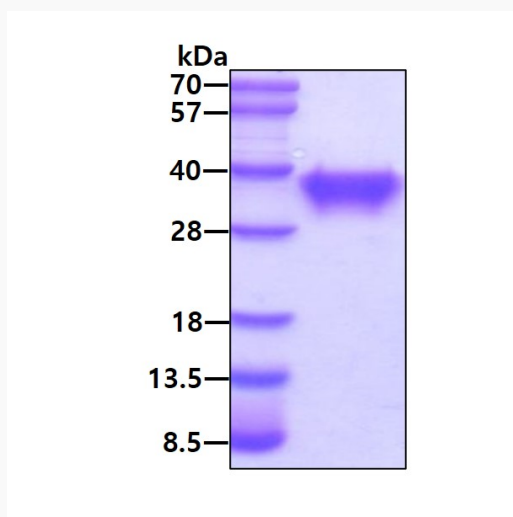
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Biological Activity



CD200 Subunit is coated at 10 ug/ml (100 ul/well) can bind Human CD200R1 in a Functional ELISA assay.

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.