

## Recombinant Human CD200 Protein

Cat. No. CD200-0741H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human CD200 (P41217, Gln 31 - Gly 232) partial recombinant protein expressed in HEK293 cells.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 31-232 a.a.  |
| <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>             | Lyophilized  |
| <b>Molecular Mass</b>   | 40-45 kDa  |
| <b>Endotoxin</b>        | < 0.1 ng/μg (1 EU/μg)  |
| <b>Purity</b>           | > 90% by SDS-PAGE and HPLC   |

 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

|                         |   |
|-------------------------|---|
| <b>Applications</b>     | SDS-PAGE  |
| <b>Storage</b>          | Store at -20 centigrade on dry atmosphere. After reconstitution with deionized water, store at 4 centigrade for one month. For long term storage store at -20 centigrade. Aliquot to avoid repeated freezing and thawing.         |
| <b>Storage Buffer</b>   | Lyophilized from PBS, pH 7.2  |
| <b>GENE INFORMATION</b> |   |
| <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  |

 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