

## Recombinant Mouse Cd200r1 Protein, Myc/DDK-tagged

**Cat. No.** Cd200r1-2054M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length CD200 receptor 1 (Cd200r1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                       |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                       |
| <b>Description</b>      | Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of proinflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. |
| <b>Molecular Mass</b>   | 35.5 kDa                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                        |

### GENE INFORMATION

 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>Gene Name</b>       | Cd200r1 CD200 receptor 1 [ Mus musculus (house mouse) ]                                                                                                                                                                                                                        |
| <b>Official Symbol</b> | Cd200r1                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>        | Cd200r1; CD200 receptor 1; OX; Mox; OX2R; CD200; Mox2r; CD200R; cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Orexin receptor 2; antigen identified by monoclonal antibody MRC OX-2 receptor; cell surface glycoprotein OX2 receptor 1 |
| <b>Gene ID</b>         | 57781                                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_021325                                                                                                                                                                                                                                                                      |
| <b>Protein Refseq</b>  | NP_067300                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>      | Q9ES57                                                                                                                                                                                                                                                                         |

 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