

## CD200 recombinant protein

Recombinant human CD200 protein with C-terminal 6xHis tag

|                              |                             |                                     |
|------------------------------|-----------------------------|-------------------------------------|
| CATALOG #<br><b>AAA47262</b> | HOST<br><b>HEK293 cells</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|-----------------------------|-------------------------------------|

### PRODUCT SYNONYMS

CD200; Recombinant human CD200 protein with C-terminal 6xHis tag; Human CD200 Protein; His Tag; CD200;MOX1;MOX2;MRC;OX-2;My033; CD200 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                                  | HEK293 cells                                                                                                   |
| Purity/Purification                                   | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.           |
| Form/Format                                           | Lyophilized from sterile PBS, pH 7.4. Normally 5%-87% trehalose is added as protectants before lyophilization. |
| Sequence                                              | CD200(Gln3 1-Gly232)                                                                                           |
| Applicable Applications for CD200 recombinant protein | WB (Western Blot)                                                                                              |
| Source                                                | Human                                                                                                          |
| Conjugation                                           | C-6xHis tag                                                                                                    |
| Reconstitution                                        | Reconstitute with deionized water                                                                              |
| Preparation and Storage                               | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)<br>Shipping: Blue Ice                |

### IMAGES

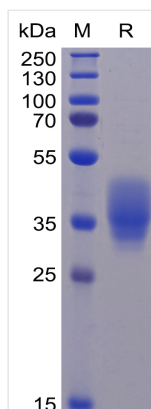

**SDS-PAGE**

Figure 1. Human CD200 Protein, His Tag on SDS-PAGE under reducing condition.

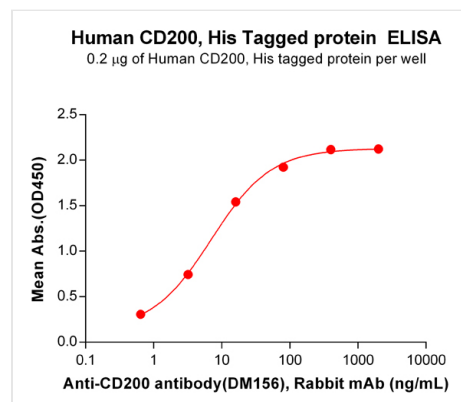

**ELISA**

Figure 1. Human CD200 Protein, His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for CD200 recombinant protein | 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. |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 311033489                                                      |
| NCBI GeneID                      | 4345                                                           |
| UniProt Accession #              | P41217; Q6J2Q6; Q6PIQ4; Q8TB85; Q9H3J3; B3KQI1; B4DLW9; D3DN65 |
| Molecular Weight                 | 32,975 Da                                                      |
| NCBI Official Full Name          | OX-2 membrane glycoprotein                                     |
| NCBI Official Synonym Full Names | CD200 molecule                                                 |
| NCBI Official Symbol             | CD200                                                          |
| NCBI Official Synonym Symbols    | MRC; MOX1; MOX2; OX-2                                          |
| NCBI Protein Information         | OX-2 membrane glycoprotein                                     |
| UniProt Protein Name             | OX-2 membrane glycoprotein                                     |
| UniProt Gene Name                | CD200                                                          |
| UniProt Synonym Gene Names       | MOX1; MOX2                                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cd200-recombinant-protein-hek293-cells-wb-western-blot/47262>