

Datasheet for ABIN6387907

## CD200R1 Protein (AA 26-238) (hIgG-His-tag)



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### 1 Image

#### Overview

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Quantity:                     | 100 µg                                              |
| Target:                       | CD200R1                                             |
| Protein Characteristics:      | AA 26-238                                           |
| Origin:                       | Mouse                                               |
| Source:                       | Baculovirus infected Insect Cells                   |
| Protein Type:                 | Recombinant                                         |
| Purification tag / Conjugate: | This CD200R1 protein is labelled with hIgG-His-tag. |
| Application:                  | SDS-PAGE (SDS)                                      |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | ADPTDKNQTT QNNSSSPLTQ VNTTVSVQIG TKALLCCFSI PLTKAVLITW IIKLRGLPSC<br>TIAYKVDTKT NETSCLGRNI TWASTPDHSP ELQISAVTLQ HEGTYTCETV TPEGNFEKNY<br>DLQVLVPPEV TYFPEKNRSA VCEAMAGKPA AQISWSPDGD CVTTSESHSN GTVTVRSTCH<br>WEQNNVSDVS CIVSHLTGNQ SLSIELSRGG NQSLRPLEPK SCDKTHTCPP CPAPELLGGP<br>SVFLFPPKPK DTLMISRTPE VTCVVVDVSH EDPEVKFNWY VDGVEVHNAK TKPREEQYNS<br>TYRVVSVLTV LHQDWLNGKE YKCKVSNKAL PAPIEKTISK AKGQPREPQV YTLPPSRDEL<br>TKNQVSLTCL VKGFYPSDIA VEWESNGQPE NNYKTTTPVL DSDGSFFLYS KLTVDKSRWQ<br>QGNVFSCSVM HEALHNHYTQ KSLSLSPGKH HHHHH |
| Purity:          | > 95 % by SDS - PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Endotoxin Level: | < 1.0 EU per 1 microgram of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Target Details

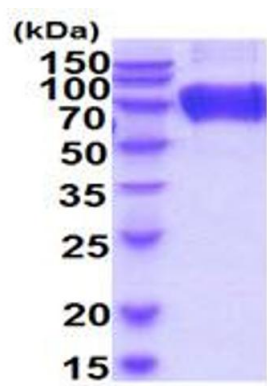
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD200R1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | Cd200r1 ( <a href="#">CD200R1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Background:       | Cd200r1, also known cell surface glycoprotein CD200 receptor 1, is an isoform of CD200 receptors which is expressed on cells of the myeloid lineage. Its inhibitory signaling pathway has been implicated in playing a prominent role in limiting inflammation in a wide range of inflammatory diseases. Its signaling inhibits the expression of proinflammatory molecules including tumor necrosis factor, interferons, and inducible nitric oxide synthase in response to selected stimuli. Recombinant mouse Cd200r1, fused to hIgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 50.4kDa (455aa) 70-100kDa (SDS-PAGE under reducing conditions)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NCBI Accession:   | <a href="#">NP_067300</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt:          | <a href="#">Q9ES57</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                    |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                             |
| Concentration:   | 0.5 mg/mL                                                                                                                                          |
| Buffer:          | Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.                                                                           |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                 |
| Storage Comment: | Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles. |



15% SDS-PAGE (3ug)

| SDS-PAGE |
|----------|
| Image 1. |