

## Recombinant Human CD2 Protein

**Cat. No.** CD2-0737H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CD2 full-length ORF (NP_001758.1) recombinant protein without tag.                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. [provided by RefSeq, Jun 2016]                                                          |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 39.4 kDa                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MSFPCKFVASFLLIFNVSSKGAVSKEITNALETWGALGQDINLDIPSFQMSDDIDDIK<br>WEKTSDDKKIAQFRKEKETFKEDTYKLFKNGTLKIKHLKTDDQDIYKVSIDYTKGKN<br>VLEKIFDLKIQERVSKPKISWTCINTTLTCEVMNGTDPELNLYQDGKHLKLSQRVITHK<br>WTTSLSAKFKCTAGNKVSKESSVEPVSCPEKGLDIYLIIGICGGGSLLMVFVALLVFI<br>TKRKKQRSRRNDEELETRAHRVATEERGRKPQQIPASTPQNPATSQHPPPPPGHR<br>SQAPSHRPPPPGHRVQHQPQKRPPAPSGTQVHQQKGPPLPRPRVQPKPPHGAAE<br>NSLSPSSN |
| <b>Applications</b>     | Antibody Production<br>Functional Study                                                                                                                                                                                                                                                                                                                                               |

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### Compound Screening

**Usage**

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

## GENE INFORMATION

**Gene Name**

CD2 CD2 molecule [ Homo sapiens ]

**Official Symbol**

CD2

**Synonyms**

CD2; CD2 molecule; CD2 antigen (p50), sheep red blood cell receptor, SRBC; T-cell surface antigen CD2; LFA-3 receptor; rosette receptor; erythrocyte receptor; lymphocyte-function antigen-2; T-cell surface antigen T11/Leu-5; CD2 antigen (p50), sheep red blood cell receptor; T11; SRBC; LFA-2; FLJ46032;

**Gene ID**

914

**mRNA Refseq**

NM\_001767

**Protein Refseq**

NP\_001758

**MIM**

186990

**UniProt ID**

P06729

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