

## Recombinant Mouse Cd2 Protein, MYC/DDK-tagged

**Cat. No.** Cd2-829M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of full-length mouse CD2 antigen (Cd2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                    |
| <b>Description</b>      | CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function. |
| <b>Molecular Mass</b>   | 38.9 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

|                 |                                                                                                                                           |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Cd2 CD2 antigen [ Mus musculus (house mouse) ]                                                                                            |
| Official Symbol | Cd2                                                                                                                                       |
| Synonyms        | Cd2; CD2 antigen; Ly37; LFA-2; Ly-37; T-cell surface antigen CD2; LFA-3 receptor; T-cell surface antigen T11/Leu-5; lymphocyte antigen 37 |
| Gene ID         | 12481                                                                                                                                     |
| mRNA Refseq     | NM_013486                                                                                                                                 |
| Protein Refseq  | NP_038514                                                                                                                                 |
| UniProt ID      | P08920                                                                                                                                    |

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