

## Recombinant Mouse CD6 Antigen

**Cat. No.** Cd6-1710M    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                              |                                                                                                                                                                                                                                                                                                                                   |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>               | Mouse                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>                | Mammalian Cells                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>           | CD6 (Cluster of Differentiation 6) is a cell surface glycoprotein that is involved in T cell activation and a member of the scavenger receptor cysteine rich protein superfamily (SRCRSF). CD6 can deliver coactivating signals to mature T lymphocytes and regulate its antigen specific and autoreactive responses.             |
| <b>Molecular Weight</b>      | The predicted molecular weight of Recombinant Mouse CD6 is Mr 68.6 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 116 kDa.                                                                                                                                                                  |
| <b>State Of Matter</b>       | Lyophilized.                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>                | >90% by SDS Page and analyzed by silver stain.                                                                                                                                                                                                                                                                                    |
| <b>Endotoxin</b>             | <0.1 ng per 1 g as determined by the LAL method.                                                                                                                                                                                                                                                                                  |
| <b>Storage And Stability</b> | This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage |

 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

instructions.

**GENE INFORMATION**

|                            |                                              |
|----------------------------|----------------------------------------------|
| <b>Gene Name</b>           | Cd6 CD6 antigen [ Mus musculus ]             |
| <b>Synonyms</b>            | Cd6; CD6 antigen                             |
| <b>Gene ID</b>             | 12511                                        |
| <b>mRNA Refseq</b>         | NM_001037801                                 |
| <b>Protein Refseq</b>      | NP_001032890                                 |
| <b>UniProt ID</b>          | Q61003                                       |
| <b>Chromosome Location</b> | 19 A; 19 5.0 cM                              |
| <b>Pathway</b>             | Cell adhesion molecules (CAMs)               |
| <b>Function</b>            | protein binding; scavenger receptor activity |

 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