# Active Recombinant Mouse CD276, MIgG2a Fc-tagged

**Cat. No.** CD276-2881M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | The extracellular domain of mouse B7-H3 (NP_598744.1) (Glu30-Ala248) is fused to the N-terminus of the Fc region of mouse IgG2a. |
| **Species** | Mouse |
| **Source** | CHO |
| **ProteinLength** | 30-248 a.a. |
| **Form** | Lyophilized from 0.2μm-filtered solution in PBS. |
| **Bio-activity** | Measured by its ability to enhance anti-CD3-induced proliferation of mouse CD3+ T cells. |
| **Molecular Mass** | 50KDa (monomer) |
| **AA Sequence** | Glu30-Ala248 |
| **Endotoxin** | <0.06 eu/μg="" as="" determined="" by="" lal="" test.=""> |
| **Purity** | >98%, by SDS-PAGE under reducing conditions. |
| **Stability** | Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C. |

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| **Reconstitution** | Reconstitute at 100μg/ml in sterile PBS. |
| **Warning** | Avoid freeze/thaw cycles. |

## GENE INFORMATION

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| **Gene Name** | Cd276 CD276 antigen [ Mus musculus ] |
| **Official Symbol** | CD276 |
| **Synonyms** | CD276; CD276 antigen; B7-H3; B7 homolog 3; costimulatory molecule; B7h3; B7RP-2; AU016588; 6030411F23Rik; |
| **Gene ID** | 102657 |
| **mRNA Refseq** | NM_133983 |
| **Protein Refseq** | NP_598744 |
| **Pathway** | Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; |
| **Function** | receptor binding; receptor binding; |

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