

Recombinant Mouse Cd276 Protein, MYC/DDK-tagged

Cat. No. Cd276-219M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Purified recombinant protein of full-length mouse CD276 antigen (Cd276), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Modulates T-cell-mediated immune responses and the development of acute and chronic transplant rejection. Plays a positive regulatory role in bone formation and has a dual role in the bone-immune interface. Induces antitumor immunity as it activates both acquired and innate immunity leading to natural killer cell and CD8 T-cell dependent killing of tumor cells. |
| Molecular Mass | 34 kDa |
| Purity | >80%, as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| Storage | Store at -80 centigrade after receiving vials. |
| Concentration | >50 ug/mL as determined by microplate BCA method |
| Storage Buffer | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol. |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

| | |
|------------------------|---|
| Gene Name | Cd276 CD276 antigen [Mus musculus (house mouse)] |
| Official Symbol | Cd276 |
| Synonyms | Cd276; CD276 antigen; B7h3; B7RP-2; AU016588; 6030411F23Rik; CD276 antigen; B7 homolog 3; B7-H3; costimulatory molecule |
| Gene ID | 102657 |
| mRNA Refseq | NM_133983 |
| Protein Refseq | NP_598744 |
| UniProt ID | Q8VE98 |

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