# Recombinant Mouse CD276 protein, His-tagged

**Cat. No.** CD276-1548M **Lot. No.** (See product label)

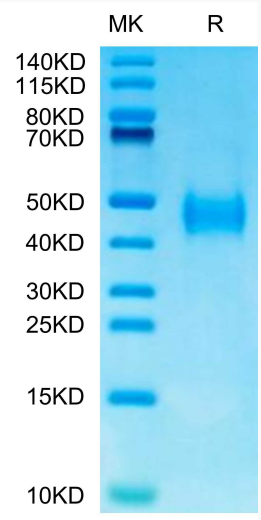
## SPECIFICATION

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| **Product Overview** | Recombinant Mouse CD276 protein(Q8VE98)(Val29-Ala248), fused with C-terminal His tag, was expressed in HEK293. |
| **Species** | Mouse |
| **Source** | C-His |
| **ProteinLength** | Val29-Ala248 |
| **Tag** | C-His |
| **Form** | Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization. |
| **Bio-activity** | |
| **Molecular Mass** | The protein has a predicted MW of 24.98 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Tris-Bis PAGE result. |
| **Endotoxin** | Less than 1EU per μg by the LAL method. |
| **Purity** | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC. |
| **Storage** | Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

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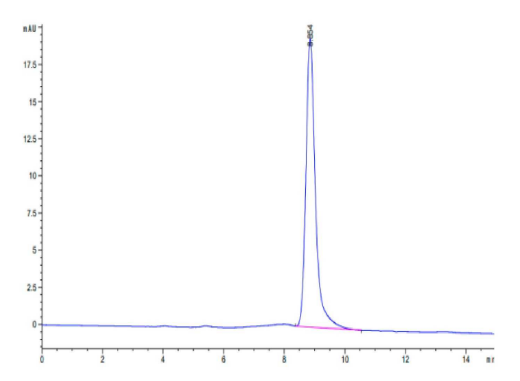
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| **Reconstitution** | Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water. |

## 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 |
| **Tris-Bis PAGE** |  |



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| **SEC-HPLC** |  |

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