

## Recombinant Mouse CD276 protein, His-tagged

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

### SPECIFICATION

|                         |                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CD276 protein(Q8VE98)(Val29-Ala248), fused with C-terminal His tag, was expressed in HEK293.                           |
| <b>Species</b>          | Mouse                                                                                                                                    |
| <b>Source</b>           | C-His                                                                                                                                    |
| <b>ProteinLength</b>    | Val29-Ala248                                                                                                                             |
| <b>Tag</b>              | C-His                                                                                                                                    |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.           |
| <b>Bio-activity</b>     |                                                                                                                                          |
| <b>Molecular Mass</b>   | 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.      |
| <b>Endotoxin</b>        | Less than 1EU per µg by the LAL method.                                                                                                  |
| <b>Purity</b>           | > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.                                                                       |
| <b>Storage</b>          | 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. |

 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

**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**

**Gene Name** Cd276 CD276 antigen [ *Mus musculus* ]

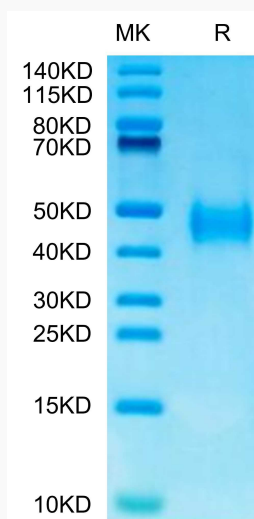
**Official Symbol** CD276

**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

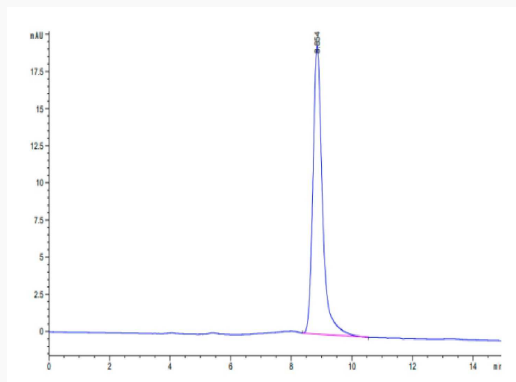
**Tris-Bis PAGE**


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## SEC-HPLC



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