

## Recombinant Rat Cd276 protein, hFc-tagged

**Cat. No.** Cd276-40R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cd276 protein(Q7TPB4)(Met1-Phe244), fused with hFc tag, was expressed in HEK293.                                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Met1-Phe244                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.        |
| <b>Molecular Mass</b>   | The recombinant rat CD276/Fc is a disulfide-linked homodimer. The reduced monomer comprises 457 amino acids and has a predicted molecular mass of 50.6 kDa. The apparent molecular mass of the protein is approximately 61 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE                                                                                                                                                                                                                                                           |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C<br>Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein                                                                                                               |

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Cd276 Cd276 molecule [ *Rattus norvegicus* ]

**Official Symbol** Cd276

**Synonyms** CD276; Cd276 molecule; CD276 antigen; B7-H3; B7 homolog 3; costimulatory molecule; B7h3; B7RP-2;

**Gene ID** 315716

**mRNA Refseq** NM\_182824

**Protein Refseq** NP\_877976

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