

Recombinant Rat Cd276 protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Cd276 protein(Q7TPB4)(Met1-Phe244), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Phe244
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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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