

Recombinant Mouse Cd276 protein(Met1-Phe244), His-tagged, Biotinylated

Cat. No. Cd276-1140M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse CD276 (NP_598744.1) (Met1-Phe244) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Phe244
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse CD276 comprises 227 amino acids and has a predicted molecular mass of 24.9 kDa. The apparent molecular mass of the protein is approximately 40.9 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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.

Conjugation

Biotin

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](#)

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