

Recombinant Human CD276 protein, Fc-tagged, R-PE labeled

Cat. No. CD276-303HP **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD276 protein, Fc-tagged was Conjugated with NH2-Reactive R-PE(R-Phycoerythrin).
Species	Human
Source	HEK293
ProteinLength	Met1-Thr461
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CD276 consists 671 amino acids and predicts a molecular mass of 73.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of human CD276 is approximately 109.5 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.
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Conjugation	R-PE
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GENE INFORMATION

Gene Name	CD276 CD276 molecule [Homo sapiens]
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Official Symbol	CD276
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Synonyms	CD276; CD276 molecule; CD276 antigen; B7 H3; B7H3; B7RP 2; B7 homolog 3; costimulatory molecule; B7-H3; B7RP-2; 4lg-B7-H3;
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Gene ID	80381
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mRNA Refseq	NM_001024736
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Protein Refseq	NP_001019907
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MIM	605715
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UniProt ID	Q5ZPR3
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