

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD276 protein, Fc-tagged was Conjugated with NH <sub>2</sub> -Reactive R-PE(R-Phycoerythrin).
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr461
<b>Form</b>	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	≥ 95 % as determined by SDS-PAGE. ≥ 90 % as determined by SEC-HPLC.
<b>Storage</b>	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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<b>Reconstitution</b>	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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<b>Conjugation</b>	R-PE
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## GENE INFORMATION

<b>Gene Name</b>	CD276 CD276 molecule [ Homo sapiens ]
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<b>Official Symbol</b>	CD276
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<b>Synonyms</b>	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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<b>Gene ID</b>	80381
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<b>mRNA Refseq</b>	NM_001024736
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<b>Protein Refseq</b>	NP_001019907
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<b>MIM</b>	605715
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<b>UniProt ID</b>	Q5ZPR3
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