

## Recombinant Human CD276 Protein, DDK/His-tagged

Cat. No. CD276-002H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of human CD276 molecule (CD276), transcript variant 1, with C-terminal DDK/His tag, was expressed in human cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>The protein encoded by this gene belongs to the immunoglobulin superfamily, and thought to participate in the regulation of T-cell-mediated immune response. Studies show that while the transcript of this gene is ubiquitously expressed in normal tissues and solid tumors, the protein is preferentially expressed only in tumor tissues.</p> <p>Additionally, it was observed that the 3' UTR of this transcript contains a target site for miR29 microRNA, and there is an inverse correlation between the expression of this protein and miR29 levels, suggesting regulation of expression of this gene product by miR29. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011].</p>
<b>Molecular Mass</b>	49 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	1 x PBS, pH 7.4, 10% glycerol.

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## GENE INFORMATION

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

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