

# Active Recombinant Human CD276 Protein, Fc-tagged, Alexa Fluor 488 conjugated

**Cat. No.** CD276-756HAF488    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 488 conjugated recombinant human CD276 (Accession # NP_079516), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Form</b>	Lyophilized
<b>Bio-activity</b>	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. The ED50 for this effect is typically 3-12 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
<b>Molecular Mass</b>	Recombinant Human CD276, Fc Chimera has a calculated MW of 50 kDa (monomer). In SDS-PAGE migrates as 70-80 kDa, reducing conditions.
<b>N-terminal Sequence Analysis</b>	Leu 29
<b>Purity</b>	> 95 % by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm

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	Emission Wavelength: 515-545 nm
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
<b>Concentration</b>	100 µg/mL
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.
<b>Conjugation</b>	Alexa Fluor 488

## 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

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UniProt ID

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