

Recombinant Human CD276 Protein, C-Avi-His tagged, Biotinylated

Cat. No. CD276-02H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD276/B7-H3 (C-Avi-His) is produced by Human Cells. The target gene encoding leu29-pro245 is expressed with a C-Avi-His tag.
Species	Human
Source	Human Cells
ProteinLength	leu29-pro245
Description	B7 homolog 3 (B7-H3), a member of the immunoglobulin superfamily, is also known CD276, which contains two Ig-like C2-type (immunoglobulin-like) domains and two Ig-like V-type (immunoglobulin-like) domains. B7-H3 may participate in the regulation of T-cell-mediated immune response. B7-H3 also plays a protective role in tumor cells by inhibiting natural-killer mediated cell lysis as well as a role of marker for detection of neuroblastoma cells. Furthermore, B7-H3 is involved in the development of acute and chronic transplant rejection and in the regulation of lymphocytic activity at mucosal surfaces. It could also play a key role in providing the placenta and fetus with a suitable immunological environment throughout pregnancy.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg)
Storage Buffer	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4
Shipping	Ambient

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Conjugation Biotin

GENE INFORMATION

Gene Name CD276 CD276 molecule [Homo sapiens (human)]

Official Symbol CD276

Synonyms B7-H3; CD276; B7 homolog 3

Gene ID 80381

mRNA Refseq NM_001024736

Protein Refseq NP_001019907

MIM 605715

UniProt ID Q5ZPR3

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