

### Human CellExp™ B7-H3 / CD276, Human recombinant

B7-H3, CD276, B7 homolog 3 Catalog # PBV11483r

#### **Specification**

# Human CellExp™ B7-H3 / CD276, Human recombinant - Product info

Primary Accession <u>Q5ZPR3-2</u>

Calculated MW This protein is fused with a Fc tag at

C-terminus and has a calculated MW of 50

kDa. KDa

# Human CellExp™ B7-H3 / CD276, Human recombinant - Additional Info

**Other Names** 

B7-H3, CD276, B7 homolog 3

Gene Source Human

Source HEK 293 cells Assay&Purity SDS-PAGE;>95%

Assay2&Purity2 N/A;>95% Recombinant Yes

Recombinant Target/Specificity

CD276

**Application Notes** 

Reconstitute in sterile PBS, pH 7.4 to a concentration of 50 µg/ml

Format Lyophilized

**Storage** 

-20°C;Lyophilized

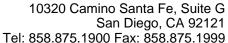
## Human CellExp™ B7-H3 / CD276, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp™ B7-H3 / CD276, Human recombinant - Images

Human CellExp™ B7-H3 / CD276, Human recombinant - Background





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.