

Human CellExp™ B7-H3 / CD276, Mouse recombinant
B7-H3, CD276, B7 homolog 3
Catalog # PBV11553r**Specification**

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

Primary Accession [Q8VE98](#)
Calculated MW **25.4 kDa** KDa

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

Gene ID	102657
Other Names	
B7-H3, CD276, B7 homolog 3	
Gene Source	Mouse
Source	HEK 293 cells
Assay&Purity	SDS-PAGE;>95%
Recombinant	Yes
Target/Specificity	
CD276	

Application Notes

Reconstitute in sterile deionized water to a concentration of 50 µg/ml.

Format

Lyophilized

Storage

-20°C;Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Generally Mannitol or Trehalose is added as a protectant before lyophilization.

Human CellExp™ B7-H3 / CD276, Mouse 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 Cytometry](#)
- [Cell Culture](#)

Human CellExp™ B7-H3 / CD276, Mouse recombinant - Images**Human CellExp™ B7-H3 / CD276, Mouse 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.