

## Product datasheet for **TP724672**

### **B7H3 (CD276) Human Recombinant Protein**

#### **Product data:**

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | Recombinant Human CD276/B7-H3 (C-hFc)  |
| <b>Species:</b>                              | Human  |
| <b>Expression cDNA Clone or AA Sequence:</b> | Leu29-Pro245   |
| <b>Tag:</b>                                  | C-Human Fc   |
| <b>Buffer:</b>                               | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.  |
| <b>Note:</b>                                 | Recombinant Human CD276/B7-H3 (C-hFc) is produced by Human Cells. The target gene encoding Leu29-Pro245 is expressed with a C-hFc tag.   |
| <b>Storage:</b>                              | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-5 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.  |
| <b>Stability:</b>                            | 12 months from date of despatch  |
| <b>Locus ID:</b>                             | 80381  |
| <b>UniProt ID:</b>                           | <a href="#">Q5ZPR3</a>   |
| <b>Summary:</b>                              | <p>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.</p> |



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