

## Active Recombinant Human CD276 Protein, His-tagged, Site-specific PE-Labeled

Cat. No. CD276-1563H    Lot. No. (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Site-specific PE-Labeled Active Recombinant Human CD276 Protein(Q5ZPR3-1)(Gly 27 - Thr 461), fused with C-terminal His tag, was expressed in HEK293.                                                                                                           |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                          |
| <b>Source</b>            | HEK293                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>     | Gly 27 - Thr 461                                                                                                                                                                                                                                               |
| <b>Tag</b>               | C-His                                                                                                                                                                                                                                                          |
| <b>Conjugation/Label</b> | Site-specific PE                                                                                                                                                                                                                                               |
| <b>Form</b>              | Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.                                                                                                                                                                                            |
| <b>Bio-activity</b>      | 5e5 of anti-B7-H3 CAR-293 cells were stained with 100 µL of 1:50 dilution (2 µL stock solution in 100 µL FACS buffer) of PE-Labeled Human B7-H3 (4Ig), His Tag and negative control protein respectively. PE signal was used to evaluate the binding activity. |
| <b>Molecular Mass</b>    | The protein has a calculated MW of 50.3 kDa.                                                                                                                                                                                                                   |
| <b>Storage</b>           | For long term storage, the product should be stored at lyophilized state at -20°C or lower.                                                                                                                                                                    |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Please protect from light and avoid repeated freeze-thaw cycles.

This product is stable after storage at:

-20°C to -70°C for 12 months in lyophilized state;

-70°C for 6 months under sterile conditions after reconstitution.

#### Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** CD276 CD276 molecule [ Homo sapiens ]

**Official Symbol** CD276

**Synonyms** CD276; CD276 molecule; CD276 antigen; B7 H3; B7H3; B7RP 2; B7 homolog 3; costimulatory molecule; B7-H3; B7RP-2; 4lg-B7-H3;

**Gene ID** 80381

**mRNA Refseq** NM\_001024736

**Protein Refseq** NP\_001019907

**MIM** 605715

**UniProt ID** Q5ZPR3

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