

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	Gly 27 - Thr 461
Tag	C-His
Conjugation/Label	Site-specific PE
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5% BSA, pH7.4.
Bio-activity	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.
Molecular Mass	The protein has a calculated MW of 50.3 kDa.
Storage	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  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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