

# Recombinant Human B7-H3/CD276 Protein

Catalog No.: RP01020    Recombinant    1 Publications

## Sequence Information

Species	Gene ID	Swiss Prot
Human	80381	Q5ZPR3-2

### Tags

C-His

### Synonyms

CD276; 4Ig-B7-H3; B7-H3; B7H3; B7RP-2; CD276 antigen; 4Ig-B7-H3; B7-H3; B7H3; B7RP-2

## Background

## Basic Information

### Description

Recombinant Human B7-H3/CD276 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu29-Pro245) of human B7-H3 (Accession #NP\_079516) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Human B7-H3 at 2 µg/mL (100 µL/well) can bind Anti-Human B7-H3 Antibody with a linear range of 1-4 ng/mL.

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

## Product Information

### Source

HEK293 cells

### Purification

≥ 95 % as determined by SDS-PAGE.

### Calculated MW

24.15 kDa

### Observed MW

Approximately 40 kDa

### Endotoxin

< 0.1 EU/µg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

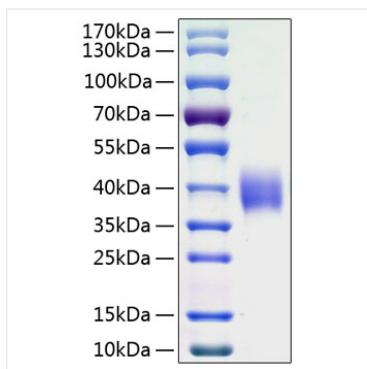
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Contact

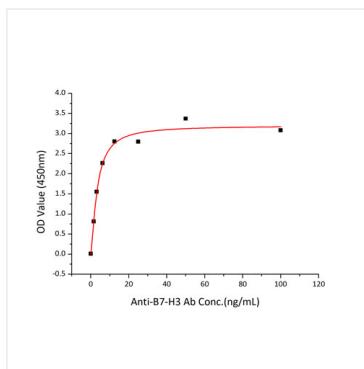
	400-999-6126
	<a href="mailto:cn.market@abclonal.com.cn">cn.market@abclonal.com.cn</a>



## Validation Data



Recombinant Human B7-H3/CD276 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Human B7-H3 at 2  $\mu$ g/mL (100  $\mu$ L/well) can bind Anti-Human B7-H3 Antibody with a linear range of 1-4 ng/mL.