

Catalog No.: RP01020 **Recombinant** **1 Publications**

Species	Gene ID	Swiss Prot
Human	80381	O5ZPR3-2

C-His

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

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

24.15 kDa 35-55 kDa

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

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

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.

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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 6xHis tag at the C-terminus.

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.

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

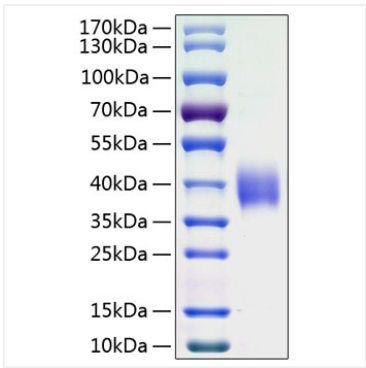
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

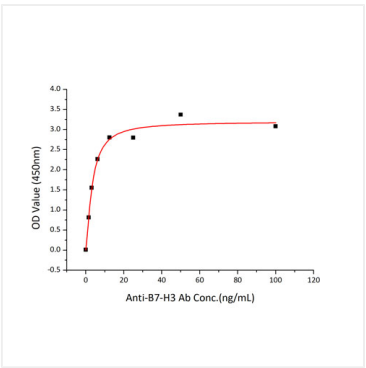
Avoid repeated freeze/thaw cycles.

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

Validation Data



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



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