

# FITC-Labeled Recombinant Human B7-H3/CD276 Protein

Catalog No.: RP00635FLQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
Human	80381	Q5ZPR3-2

### Tags

C-hFc

### Synonyms

B7H3; B7-H3; CD276; PSEC0249;  
UNQ309; PRO352; B7 homolog 3; CD276

## Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE

Calculated MW	Observed MW
50.1 kDa	65-70 kDa

### Endotoxin

< 1 EU/μg of the protein by LAL method

### Formulation

Supplied as 0.22 μm filtered solution in PBS (pH 7.4).

### Reconstitution

## Background

B7-H3, a member of the B7 family of immunomodulatory molecules, is overexpressed in a wide range of solid cancers. B7-H3 binds to activated T cells via an as yet unidentified receptor. In assays using sub-optimal amount so anti-CD3 stimulation, 2Ig?B7?H3 enhances T cell proliferation, T cell interferon-gamma (IFN-gamma) production, and cytotoxic T cells induction.

## Basic Information

### Description

FITC-Labeled 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/CD276 (Accession #Q5ZPR3-2) fused with a C-hFc tag at the C-terminus.

### Bio-Activity

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

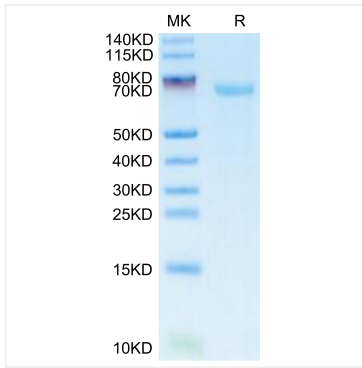
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## Validation Data

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FITC-Labeled Human B7-H3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.