

FITC-Labeled Recombinant Human B7-H3/CD276 Protein

Catalog No.: RP00635FLQ Recombinant

Sequence Information

SpeciesGene IDSwiss ProtHuman80381Q5ZPR3-2

Tags C-hFc

Synonyms

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

Product Information

Source Purification HEK293 cells ≥ 95 % as

determined 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, 2lg?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

Shipping

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

Storage

Store at -70°C. This product is stable at \leq -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.

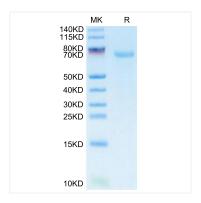
Operational Notes

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

Contact

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Validation Data



FITC-Labeled Recombinant Human B7-H3/CD276 Protein was determined by Tris-Bis PAGE under reducing conditions.