Recombinant Human B7 Homolog 4/B7-H4/VTCN1 (C-Fc-Avi)

RPES6331

Description

This high-purity recombinant protein is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Protein Information

SKU: RPES6331

Contents: 100µg, 20µg
Bradford Reagent: 1 vial (2ml)

Species: Human

Synonyms: B7-H4, B7H4T-cell costimulatory molecule B7x, B7S1, B7S1VCTN1, B7XPRO1291, B7h.5, B7x, FLJ22418, Immune costimulatory protein B7-H4, Protein B7S1, T cell costimulatory molecule B7x, V-set domain containing T cell activation inhibitor 1, V-set domain-containing , Vtcn1

Tag: C-Fc-Avi

Expression Host: HEK293 Cells

Calculated MW: 54.1 kDa

Observed MW: 70-95 kDa

Purity: > 95 % as determined by reducing SDS-PAGE.

Concentration: -

Endotoxin: < 1.0 EU per µg of the protein as determined by the LAL method.

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Store Bradford Reagent at Room Temperature for 1 year.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Bio-Activity: Immobilized Anti-Human B7-H4 mAb at 2µg/ml (100 µl/well) can bind Biotinylated Human B7-H4-Fc-Avi. The ED50 of Biotinylated Human B7-H4-Fc-Avi is 0.23 ng/ml.

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.

Reconstitution: Please refer to the printed manual for detailed information. Immobilized Anti-Human B7-H4

mAb at 2μg/ml (100 μl/well) can bind Biotinylated Human B7-H4-Fc-Avi. The ED50 of Biotinylated Human B7-H4-Fc-Avi is 0.23 ng/ml.

Accession: Q7Z7D3

Source: HEK293 Cells-derived Human B7-H4, VTCN1 protein Phe29-Ala258, with an C-terminal Fc & Avi

Sequence: Phe29-Ala258

Form: Lyophilized powder

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Notes: Centrifuge before opening to ensure complete recovery of vial contents.