

Recombinant Rhesus macaque B7-H4/VTCN1 Protein (His Tag)

RPES3986

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: RPES3986

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

Contents: 50µg, 10µg
Bradford Reagent: 1 vial (2ml)

Concentration: -

Species: Rhesus Macaque

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

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

Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 °C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Store Bradford Reagent at Room Temperature for 1 year.

Tag: C-His

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Recombinant Rhesus Macaque B7-H4 on HIS1K Biosensor, can bind Human B7-H4 mAb with an affinity constant of 0.578 pM as determined in BLI assay.

Calculated MW: 26.4 kDa

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.

Observed MW: 40-60 kDa

Reconstitution: Please refer to the printed manual for detailed information.

Manufacturers Statement: This final kit system is assembled and quality-released by Assay Genie Limited.

Accession: F7B770

Source: HEK293 Cells-derived Rhesus macaque B7-H4/VTCN1 protein Phe29-Ala258, with an C-terminal His

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.