

Recombinant Human PD-L1/B7-H1/CD274 Protein (Flag Tag)

RPES1466

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: RPES1466

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

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

Concentration: -

Species: Human

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

Synonyms: B7 Homolog 1, B7-H1, B7H1, CD274, PD-L1, PDCD1 Ligand 1, PDCD1L1, PDCD1LG1, PDL1, Programmed Cell Death 1 Ligand 1, Programmed Death Ligand 1

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-Flag

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human PD-1-Fc(RPES0304) on Protein A Biosensor, can bind Human PD- L1-Flag(RPES1466) with an affinity constant of 0.19 uM as determined in BLI assay.

Calculated MW: 26.3 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 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: 35-40 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Human PD-1-

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

Fc(RPES0304) on Protein A Biosensor, can bind Human PD-L1-Flag(RPES1466) with an affinity constant of 0.19 μ M as determined in BLI assay.

Accession: Q9NZQ7

Source: HEK293 Cells-derived Human PD-L1, B7-H1, CD274 protein Phe19-Thr 239, with an C- terminal Flag

Sequence: Phe19-Thr 239

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.