

Recombinant Human CD40L/TNFSF5 Protein (His Tag)

RPES3683

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: RPES3683

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: CD154, CD40 Ligand, CD40-L, CD40L, CD40LG, HIGM1, IGM, IMD3, T-BAM, T-Cell Antigen Gp39, TNF-Related Activation Protein, TNFSF5, TRAP, Tumor Necrosis Factor Ligand Superfamily Member 5, hCD40L

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: N-His

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

Expression Host: HEK293 Cells

Bio-Activity: Loaded Human CD40-Fc(RPES5182) on Protein A Biosensor, can bind Human CD40L-His(RPES3683) with an affinity constant of 2.74 nM as determined in BLI assay.

Calculated MW: 19.1 kDa

Formulation: Lyophilized from a 0.2 µm filtered solution of PBS, 1mM EDTA, 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: 19-22 kDa

Reconstitution: Please refer to the printed manual for detailed information. Loaded Human CD40-Fc(RPES5182) on Protein A Biosensor, can bind

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

Human CD40L-His(RPES3683) with an affinity constant of 2.74 nM as determined in BLI assay.

Accession: P29965

Source: HEK293 Cells-derived Human CD40L, TNFSF5 protein Glu108-Leu261, with an N- terminal His

Sequence: Glu108-Leu261

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.