

Recombinant Mouse Interleukin-17/IL-17 Protein

RPES4576

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: RPES4576

Purity: > 98 % as determined by reducing SDS-PAGE.

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

Concentration: -

Species: Mouse

Endotoxin: < 0.1 EU per µg of the protein as determined by the LAL method.

Synonyms: IL-17CTLA, Cytotoxic T-lymphocyte-associated antigen, IL-17Acytotoxic T-lymphocyte-associated protein, CTLA8cytotoxic T-lymphocyte-associated serine esterase, CTLA 8, CTLA8cytotoxic T-lymphocyte-associated serine esterase 8, CtlA9, IL-17A, IL-17Acytotoxic T-lymphocyte-associated protein 8, IL-17CTLA-8, Interleukin-17A, IL-17, CTLA-8, Il17a, Cytotoxic T-lymphocyte-associated antigen 8, CtlA8, Il17, CTLA8, CTLA-8, CTLA8cytotoxic T-lymphocyte-associated serine esterase 8, Cytotoxic T-lymphocyte-associated antigen 8, IL17, IL-17, IL17A, IL-17A, IL-17Acytotoxic T-lymphocyte-associated protein 8, IL-17CTLA-8

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: E.coli

Bio-Activity: Measure by its ability to induce IL-6 secretion in 3T3 cells. The ED50 for this effect is <1 ng/mL. The specific activity of recombinant mouse IL-17A is > 1 x 10⁶ IU/mg.

Calculated MW: 15.9 kDa

Formulation: Lyophilized from sterile 20 mM sodium citrate, 0.2 M NaCl, pH 4.5. 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: 17 kDa

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

Accession: Q62386

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

Source: E.coli-derived Mouse Interleukin-17, IL-17 protein Thr 22-Ala158, with an C-terminal His

Sequence: Thr 22-Ala158

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

Form: Lyophilized powder

