



Recombinant Protein Technical Manual

Recombinant Human IL17RA Protein (His Tag)

RPES1710

Product Data:

Product SKU: RPES1710

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q96F46

Protein Information:

Molecular Mass: 34.5 kDa

AP Molecular Mass: 50-80 kDa

Tag: C-His

Bio-activity:

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

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

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, PH7.0.

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

Application:

Synonyms: CD127;CDW127;IL7R;IL7R-alpha;IL7RA;ILRA; IL7RA; IL7 R alpha; Interleukin7 receptor A

Immunogen Information:

Sequence: Leu33-Trp320

Background:

CD38, also called ADP-ribosyl cyclase, is a Type II integral membrane protein with 301 amino acids in length that belongs to the ADP-ribosyl cyclase family. It synthesizes the second messengers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion. And also moonlights as a receptor in cells of the immune system. CD38 is expressed in B and T lymphocytes, osteoclasts, and in cardiac, pancreatic, liver and kidney cells. Through its production of cyclic ADP-ribose, CD38 modulates calcium-mediated signal transduction in many types of cells, including neutrophils and pancreatic beta cells.