



Recombinant Protein Technical Manual
Recombinant Human CCL17/TARC Protein (His Tag)
RPES3877

Product Data:

Product SKU: RPES3877

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q92583

Protein Information:

Molecular Mass: 9.1 kDa

AP Molecular Mass: 13 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 Tris,150mM NaCl,pH8.0.

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

Application:

Synonyms: ABCD-2; CC chemokine TARC; C-C motif chemokine 17; CCL17; chemokine (C-C motif) ligand 17; MGC138273; SCYA17MGC138271; small inducible cytokine subfamily A (Cys-Cys), member 17; Small-inducible cytokine A17; T cell-directed CC chemokine; TARC; TARCA52E5.3; Thymus and activation-regulated chemokine

Immunogen Information:

Sequence: Ala24-Ser94

Background:

C-C motif chemokine 17 (CCL17) is a novel CC chemokine, it belongs to the intercrine beta (chemokine CC) family. CCL17 is expressed at high levels in thymus, and at a lower level in lung, colon, and small intestine. CCL17 is also transiently expressed in stimulated peripheral blood mononuclear cells. Among CC chemokine family members, CCL17 has approximately 24 - 29% amino acid sequence identity with RANTES, MIP alpha, MIP beta, MCP, MCP-2 and MCP-3. CCL17 has been identified to be Chemotactic factor for T-lymphocytes but not monocytes or granulocytes. CCL17 plays a role in T-cell development in thymus and in trafficking and activation of mature T-cells.