

**RPES8313**

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## Product Information

<b>Product SKU:</b>	RPES8313	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	human	<b>Accession:</b>	Q92583

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## Additional Information

<b>Calculated MW:</b>	35.2 kDa	<b>Observed MW:</b>	36 kDa
<b>Sequence:</b>	Met 1-Ser 94		

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## Protein Information

**Background:** Chemokines are a family of small chemotactic cytokines, or proteins secreted by cells. Chemokines share the same structure similarities such as small size, and the presence of four cysteine residues in conserved locations in order to form their 3-dimensional shape. Some of the chemokines are considered pro-inflammatory which can be induced to recruit cells of the immune system to a site of infection during an immune response, while others are considered homeostatic and are implied in controlling the migration of cells during normal processes of tissue maintenance and development. There are four members of the chemokine family: C-C kemokines, C kemokines, CXC kemokines and CX3C kemokines. The C-C kemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands-1 to 28. Chemokine ligand 17 (CCL17), also known as thymus and activation regulated chemokine(TARC), is a small cytokine belonging to the C-C chemokine family. CCL17 is expressed mainly in thymus and transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. CCL17 can induce chemotaxis in T cells by binding with the chemokine receptor CCR4.

**Synonyms:** A-152E5.3, A152E53, ABCD 2, ABCD2, C-C motif chemokine 17, CC chemokine TARC, CCL17, CCL17, Chemokine CC Motif Ligand 17, MGC138271, MGC138273, SCYA17, Small Inducible Cytokine A17, Small Inducible Cytokine A17 Precursor, Small

Inducible Cytokine Subfamily A (Cys Cys), Small Inducible Cytokine Subfamily A (Cys Cys) Member 17, Small-inducible cytokine A17, T Cell Directed CC Chemokine, Thymus and activation regulated chemokine, Thymus and activation-regulated chemokine

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**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.