

**RPES8003**

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## Product Information

<b>Product SKU:</b>	RPES8003	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Trx	<b>Reactivity:</b>	Human	<b>Accession:</b>	Q92583

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## Additional Information

<b>Calculated MW:</b>	27.7 kDa	<b>Observed MW:</b>	30 kDa
<b>Sequence:</b>	Ala24-Ser94		

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## Protein Information

**Background:** This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for T lymphocytes, but not monocytes or granulocytes. The product of this gene binds to chemokine receptors CCR4 and CCR8. This chemokine plays important roles in T cell development in thymus as well as in trafficking and activation of mature T cells.

**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:** < 10 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

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**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.