

**RPES8036**

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## Product Information

<b>Product SKU:</b>	RPES8036	<b>Expression Host:</b>	E.coli	<b>Size:</b>	20µg
<b>Tag:</b>	N-Trx	<b>Reactivity:</b>	Human	<b>Accession:</b>	Q9Y4X3

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## Additional Information

<b>Calculated MW:</b>	29.6 kDa	<b>Observed MW:</b>	31 kDa
<b>Sequence:</b>	Phe25-Gly112		

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## Protein Information

<b>Background:</b>	This gene is one of several CC cytokine genes clustered on the p-arm of chromosome 9. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The protein encoded by this gene is chemotactic for skin-associated memory T lymphocytes. This cytokine may also play a role in mediating homing of lymphocytes to cutaneous sites. It specifically binds to chemokine receptor 10 (CCR10). Studies of a similar murine protein indicate that these protein-receptor interactions have a pivotal role in T cell-mediated skin inflammation.
<b>Synonyms:</b>	ALP, C-C motif chemokine 27, CC chemokine ILC, Ccl27, CCL27, Chemokine (C-C motif) ligand 27, CTACK, CTAK, Cutaneous T cell attracting chemokine, Cutaneous T-cell-attracting chemokine, ESkin, IL 11 R alpha locus chemokine, IL-11 R-alpha-locus chemokine, ILC, PESKY, SCYA27, Skinkine, Small inducible cytokine A27, small inducible cytokine subfamily A (Cys-Cys), member 27, Small-inducible cytokine A27
<b>Endotoxin:</b>	< 10 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

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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.