

**RPES8059**

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## Product Information

<b>Product SKU:</b> RPES8059	<b>Expression Host:</b> E.coli	<b>Size:</b> 20µg
<b>Tag:</b> N-Sumo	<b>Reactivity:</b> Human	<b>Accession:</b> P80162

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## Additional Information

<b>Calculated MW:</b> 21.4 kDa	<b>Observed MW:</b> 28 kDa
<b>Sequence:</b> Gly38-Asn114	

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## Protein Information

**Background:** Chemotactic for neutrophil granulocytes. Signals through binding and activation of its receptors (CXCR1 and CXCR2). In addition to its chemotactic and angiogenic properties, it has strong antibacterial activity against Gram-positive and Gram-negative bacteria (90-fold-higher when compared to CXCL5 and CXCL7).

**Synonyms:** C X C motif chemokine 6, Chemokine (C X C motif) ligand 6, Chemokine alpha 3, CKA 3, CKA-3, CKA3, CXCL 6, CXCL6, CXCL6\_HUMAN, GCP 2, GCP-2, Granulocyte chemotactic protein 2, N-processed variant 3, SCYB6, Small inducible cytokine B6, Small inducible cytokine subfamily B (Cys X Cys) member 6, Small inducible cytokine subfamily B (Cys X Cys) member b, Small-inducible cytokine B6

**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

**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.