

### Product Information

<b>Product SKU:</b> RPES8108	<b>Expression Host:</b> E.coli	<b>Size:</b> 20µg
<b>Tag:</b> N-Trx	<b>Reactivity:</b> Human	<b>Accession:</b> P47992

### Additional Information

<b>Calculated MW:</b> 30.1 kDa	<b>Observed MW:</b> 32 kDa
<b>Sequence:</b> Val22-Gly114	

### Protein Information

**Background:** This antimicrobial gene encodes a member of the chemokine superfamily. Chemokines function in inflammatory and immunological responses, inducing leukocyte migration and activation. The encoded protein is a member of the C-chemokine subfamily, retaining only two of four cysteines conserved in other chemokines, and is thought to be specifically chemotactic for T cells. This gene and a closely related family member are located on the long arm of chromosome 1.

**Synonyms:** XCL, SCYC, Cytokine SCM, SCYC1 and XCL, C motif chemokine, XC chemokine ligand, Small-inducible cytokine C, SCM, XCL1, ATAC, LPTN, LTN, SCM-1, SCM-1a, SCM1, SCM1A, SCYC1, C motif chemokine 1, Chemokine(C motif) ligand, Cytokine SCM-1, Lymphotactin, Lymphotaxin, SCM-1-alpha, SCYC1 and XCL1, Small-inducible cytokine C1, XC chemokine ligand 1, Chemokine(C motif) ligand

**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.