

**RPCB1929**

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## Product Information

<b>Product SKU:</b>	RPCB1929	<b>Gene ID:</b>	6362	<b>Size:</b>	10µg
<b>Tag:</b>	No-Tag	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	-	<b>Swissprot:</b>	P55774
<b>Purity:</b>	> 95% by SDS-PAGE.		

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## Protein Information

**Background:** CCL18 is a chemotactic cytokine involved in the pathogenesis and progression of various disorders, including cancer. Proof showed high levels of CCL18 in the serum of epithelial ovarian carcinoma patients suggesting its potential as a circulating biomarker. CCL18 chemokine has an important role in chemokine-mediated tumor metastasis, and may serve as a potential predictor for poor survival outcomes for ovarian cancer. (CCL18) is predominantly secreted by M2-tumor associated macrophages (TAMs) and promotes malignant behaviors of various human cancer types. CCL18 has a correlation with cardiac function in patients with AAMI and it might be considered as an indicator of poor LVEF in patients with AAMI. Circulating and WAT-secreted CCL18 correlates with insulin resistance and metabolic risk score. Because CCL18 is macrophage-specific and associates with adipose immune gene expression, it may constitute a marker of WAT inflammation. Macrophages are thought to be the main source of CCL18, and the effect of pirfenidone, an anti-fibrotic agent for idiopathic pulmonary fibrosis, on the expression of CCL18 in macrophages warrants investigation.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human CCL18/PARC Protein, tested reactivity in Yeast and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.1EU/µg of the protein by LAL method.

**Contact Details | Dublin, Ireland**

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

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**Formulation:**

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:**

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.