



RPES8114

Product Information

Product SKU:	RPES8114	Expression Host:	E.coli	Size:	20µg
Tag:	N-Trx	Reactivity:	Human	Accession:	P55774

Additional Information

Calculated MW:	27.4 kDa	Observed MW:	30 kDa
Sequence:	Ala21-Ala89		

Protein Information

Background: CCL18/PARC is a chemotactic cytokine involved in the pathogenesis and progression of various disorders, including cancer. Proof showed high levels of CCL18/PARC in the serum of epithelial ovarian carcinoma patients suggesting its potential as a circulating biomarker. CCL18/PARC 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/PARC) is predominantly secreted by M2-tumor associated macrophages (TAMs) and promotes malignant behaviors of various human cancer types. CCL18/PARC 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/PARC correlates with insulin resistance and metabolic risk score. Because CCL18/PARC 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/PARC, and the effect of pirfenidone, an anti-fibrotic agent for idiopathic pulmonary fibrosis, on the expression of CCL18/PARC in macrophages warrants investigation.

Synonyms: CKb, TSC, DCCK, DC-CK, Eotaxin, AMAC-1, CCL26, CKb7, DC-CK1, Eotaxin-3, IMAC, MIP-4, MIP-4a, SCYA26, TSC-1, AMAC1, MIP4, PARC, SCYA18, CCL18, AMAC-1, CKb7, DCCK1, DC-CK1, MIP-4, Alternative macrophage activation associated CC chemokine 1, Alternative macrophage activation-associated CC chemokine 1, CC chemokine

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PARC, C-C Motif Chemokine 18, CCL18(4-69), Dendritic cell chemokine 1, Macrophage inflammatory protein 4, Pulmonary and activation regulated chemokine, Pulmonary and activation-regulated chemokine, Small inducible cytokine A18, Small-inducible cytokine A18

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.