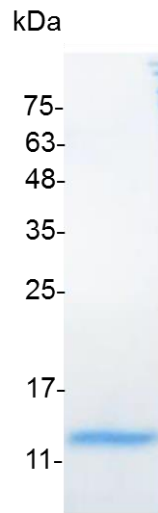


**CCL4 (C-C Motif Chemokine Ligand 4), Mouse**

v. 231101

<b>Catalog number</b>	C02086-5UG / C02086-20UG / C02086-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	CCL4 act as an important pro-inflammatory cytokine during acute and chronic inflammatory responses. CCL4 also play a role as an attractant NK cells, dendritic cells, monocytes, and lymphocytes to sites of injury and inflammation. As CCL4 conducts signaling through G-protein-coupled receptor CCR5, which is a major co-receptor for M-tropic HIV strains. Thus, binding of CCL4 to CCR5 inhibits HIV entry and reduces the cell surface expression of CCR5. CCL4 has been identified as one of the major anti-HIV factors produced by CD8+ T cells.
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	APMGSDPPTSCCFSYTSRQLHRSFVMDYYETSSLCSKPAVVFLTKRGRQICAN PSEPWVTEYMSDLELN with polyhistidine tag at the N-terminus
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<b>Activity</b>	Measure by its ability to chemoattract BaF3 cells transfected with human CCR5. The ED <sub>50</sub> for this effect is <4 ng/mL.
<b>Purity</b>	>98% as determined by SDS-PAGE.
<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>Reconstitution</b>	It is recommended to reconstitute the lyophilized protein in sterile H <sub>2</sub> O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
<b>Stability &amp; Storage</b>	This product is stable after storage at: <ul style="list-style-type: none"> <li>-20°C for 12 months in lyophilized state from date of receipt.</li> <li>-20°C or -80°C for 1 month under sterile conditions after reconstitution.</li> </ul> Avoid repeated freeze/thaw cycles.



SDS-PAGE analysis of recombinant mouse CCL4

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