

## RPCB1018

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### Product Information

<b>Product SKU:</b>	RPCB1018	<b>Gene ID:</b>	20307	<b>Size:</b>	10µg
<b>Tag:</b>	C-6×His	<b>Reactivity:</b>	Mouse		

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### Additional Information

<b>Expression Host:</b>	Pichia	<b>Swissprot:</b>	Q9Z121
<b>Purity:</b>	> 97% by SDS-PAGE.		

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### Protein Information

**Background:** Chemokine ligand 8 (CCL8,MCP-2), is a small secreted cytokine which belongs to the intercrine beta(chemokine CC) family. CCL8 Chemotactic factor attracts monocytes. It can bind heparin.CCL8 functions to activate different immune cells, including mast cells, eosinophils and basophils which are involved in allergic responses, monocytes, and T cells and NK cells which are involved in the inflammatory response. Its ability achieves by binding to different cell surface receptors termed chemokine receptors including CCR1, CCR2B and CCR5. It has been reported that CCL8 is a potent inhibitor of HIV-1 by virtue of its binding to CCR5 which is one of the major co-receptors for HIV-1.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse CCL8/MCP-2 Protein , tested reactivity in Pichia and has been validated in SDS-PAGE. 100% guaranteed.

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

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**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.