

RPCB1021

Product Information

Product SKU:	RPCB1021	Gene ID:	6346	Size:	10µg
Tag:	No tag	Reactivity:	Human		

Additional Information

Expression Host:	Pichia	Swissprot:	P22362
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: CCL1 or chemokine (C-C motif) ligand 1, also known as I-309 or TCA-3, is a member of the chemokine (C-C motif) ligand family. The C-C chemokines have two cysteines nearby the amino terminus. There have been at least 27 distinct members of this subgroup reported for mammals, called C-C chemokine ligands (CCL)-1 to 28. I-309/CCL1/TCA-3 interacts with the G protein-linked transmembrane chemokine receptors CCR8 and induces biochemical events that may result in the control of chemotaxis, proliferation, apoptosis and adhesion. It has been demonstrated that I-309/CCL1/TCA-3 displays chemotactic activity for monocytes and other cell types such as NK cells and dendritic cells, but not for neutrophils. Furthermore, as the only known physiological ligand for CCR8, I-309/CCL1/TCA-3 was identified as a potent inhibitor of HIV-1 envelope-mediated cell-cell fusion and virus infection. I-309/CCL1/TCA-3 induces significant levels of LTC4 from elicited eosinophils.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human CCL1/I-309 Protein, tested reactivity in Pichia and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <0.1EU/µg

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.