

**RPCB1879**

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## Product Information

<b>Product SKU:</b>	RPCB1879	<b>Gene ID:</b>	10563	<b>Size:</b>	20µg
<b>Tag:</b>	No tag	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	E. coli	<b>Swissprot:</b>	O43927
<b>Purity:</b>	> 95% by SDS-PAGE.		

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## Protein Information

**Background:** The chemokine CXCL13, also known as BCA-1 (B-cell-attracting chemokine-1) or BLC (B-lymphocyte chemoattractant), which belongs to the CXC chemokine family. CXCL13 and its receptor CXCR5 control the organization of B cells within follicles of lymphoid tissues. CXCL13 is known to dictate homing and motility of B cells in lymphoid tissue and has been implicated in the formation of ectopic lymphoid tissue in chronic inflammation. It involves in B-cell compartmental homing within secondary lymphoid organs and recently implicated in the pathogenesis of inflammatory and malignant lymphocyte-mediated diseases. In Primary central nervous system lymphoma (PCNSL), expression of BCA-1 by malignant lymphocytes and vascular endothelium may influence tumor development and localization to central nervous system (CNS). In T-lymphocytes, CXCL13 expression is thought to reflect a germinal center origin of the T-cell. CXCL13 expression may also provide an additional useful tool for the diagnosis of Angioimmunoblastic T-cell lymphoma (AITL).

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human CXCL13/BLC Protein, tested reactivity in E. coli and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of 50 mM Tris, 0.5 M NaCl, pH 7.5.

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**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.