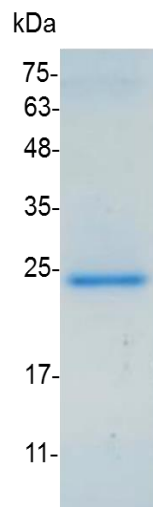


**CXCL9 (C-X-C motif chemokine 9), Swine**

v. 231101

<b>Catalog number</b>	C03022-5UG / C03022-20UG / C03022-100UG
<b>Package</b>	5 µg / 20 µg / 100 µg
<b>Description</b>	<p>CXCL9, also named Monokine, is a member of the CXC chemokine family and is induced by gamma interferon (MIG). Following induced by IFN-gamma, this chemokine can attract T-cells. CXCL9 has close relationship with two other CXC chemokines named CXCL10 and CXCL11, additionally they all elicit their chemotactic functions by interacting with the chemokine receptor CXCR3. CXCL9 is also a cytokine that affects the growth, movement, or activation state of cells participating in immune and inflammatory response and work as a chemoattractant of activated T-cells.</p>
<b>Source</b>	<i>Escherichia coli</i>
<b>Sequence</b>	<p>TLLMRNGRCSCINTSQRMHLKSLRDLKQFAPSPSCEKMEVIATMKNGDQTCL          NPDSPDVKKLIKWEKQVSLKKKQKKGKHPKTKKVRKVKKSQRPDQKKMT          with polyhistidine tag at the N-terminus</p>
<b>Endotoxin level</b>	<0.1 EU per 1 µg of the protein by the LAL method.
<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>	<p>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.</p>
<b>Stability &amp; Storage</b>	<p>This product is stable after storage at:</p> <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> <p>Avoid repeated freeze/thaw cycles.</p>



SDS-PAGE analysis of recombinant swine CXCL9

*For research use only.*