

# GMP Recombinant Porcine CXCL9 Protein, His-Tagged

**Cat. No.** CXCL9-01P    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Porcine CXCL9 Protein, His-Tagged was expressed in Escherichia coli cell-derived in an animal component free process under cGMP guidelines.
<b>Species</b>	Porcine
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>AA Sequence</b>	TLLMRNGRCSCINTSQRMIHLKSLRDLKQFAPSPSCEKMEVIATMKNQDQTCLNPDS PDVKKLIKWEKQVSLKQKKGKHPKTKKVRKVKKSQRPDQKKMT with polyhistidine tag at the N-terminus
<b>Endotoxin</b>	<0.1 EU per 1 µg of the protein by the LAL method.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	>98% as determined by SDS-PAGE. Ni-NTA chromatography
<b>Notes</b>	Please use within one month after protein reconstitution.
<b>Storage</b>	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
<b>Storage Buffer</b>	The protein was lyophilized from a solution containing 1X 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 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

## GENE INFORMATION

<b>Gene Name</b>	CXCL9 C-X-C motif chemokine ligand 9 [ <i>Sus scrofa</i> (pig) ]
<b>Official Symbol</b>	CXCL9
<b>Synonyms</b>	MIG
<b>Gene ID</b>	100135681
<b>mRNA Refseq</b>	NM_001114289.2
<b>Protein Refseq</b>	NP_001107761.2
<b>UniProt ID</b>	A0A4X1SX95

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



kDa

75-

63-

48-

35-

25-

17-

11-



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA