GMP Recombinant Porcine CXCL9 Protein, His-Tagged

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

SPECIFICATION

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

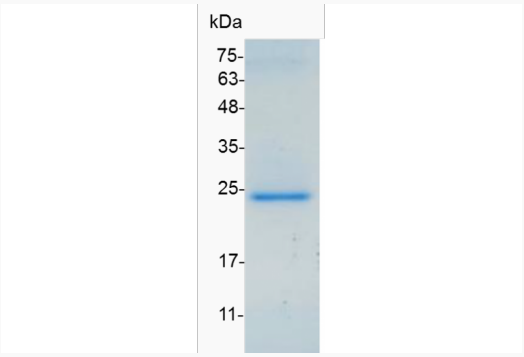
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Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Notes	Please use within one month after protein reconstitution.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O 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

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

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