

Recombinant Pig CXCL9 Protein (Thr23-Thr126), N-His tagged, Animal-free, Carrier-free

Cat. No. CXCL9-02P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CXCL9 Protein (Thr23-Thr126) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Pig
Source	E.coli
ProteinLength	Thr23-Thr126
Description	C-X-C motif chemokine 9 (CXCL9) also named monokine induced by gamma interferon (MIG), which is a chemokine of the intercrine alpha family. CXCL9 is a 11.5 kDa protein containing 104 amino acid residues. CXCL9 controls the immune cells by binding the CXCR3 which is including the cell migration and activation. During inflammation, CXCL9 is a chemotaxis for lymphocyte and macrophages. CXCL9 is participated in the process of tumor proliferation and metastasis.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 12.88 kDa. The protein migrates as 17-25 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE analysis.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	CXCL9 C-X-C motif chemokine ligand 9 [<i>Sus scrofa</i> (pig)]
Official Symbol	CXCL9
Synonyms	CXCL9; C-X-C motif chemokine ligand 9; MIG; C-X-C motif chemokine 9; chemokine (C-X-C motif) ligand 9
Gene ID	100135681
mRNA Refseq	NM_001114289
Protein Refseq	NP_001107761
UniProt ID	B0FYK2

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