

Recombinant Pig CXCL11 Protein (Phe22-Val100), N-His tagged, Animal-free, Carrier-free

Cat. No. CXCL11-03P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CXCL11 Protein (Phe22-Val100) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Pig
Source	E.coli
ProteinLength	Phe22-Val100
Description	C-X-C motif chemokine 11 (CXCL11) also named Interferon-gamma-inducible protein 9 (IP-9), which is a chemokine of the intercrine alpha family. CXCL11 is a 8.8kDa protein containing 79 amino acid residues. To CXCR3, CXCL11 has higher affinity than CXCL10 and CXCL9 which plays a role in immune activation. CXCL11 induces the activation of T cells which is also a chemotaxis for T cells. CXCL11 is produced in response for IFN Family.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 9.72 kDa. The protein migrates about 11 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.

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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 H ₂ 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.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

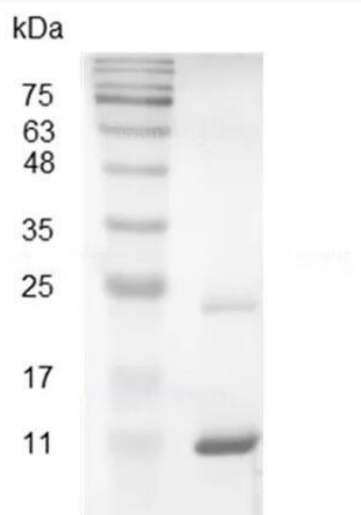
Gene Name	CXCL11 C-X-C motif chemokine ligand 11 [<i>Sus scrofa</i> (pig)]
Official Symbol	CXCL11
Synonyms	CXCL11; C-X-C motif chemokine ligand 11; C-X-C motif chemokine 11; chemokine C-X-C motif ligand 11
Gene ID	100169744
mRNA Refseq	NM_001128491
Protein Refseq	NP_001121963
UniProt ID	B3GDY9

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**SDS-PAGE analysis
of recombinant
swine CXCL11.**



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