

GMP Recombinant Porcine CXCL11 Protein, His-Tagged

Cat. No. CXCL11-01P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Porcine CXCL11 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	CXCL11 has functional and structural relationship with CXCL9 and CXCL10. This CXC chemokine lacks a ELR (Glutamate-Leucine-Arginine) tripeptide motif.. Similar to CXCL9 and CXCL10, CXCL11 can specifically bind to the G protein-coupled receptor CXCR3 and involve in chemotaxis of immune cells and angiogenesis. Expression of both CXCR3 and CXCL11 by The Th1-associated cytokine IFN γ can express both CXCR3 and CXCL11 and create an amplification loop of cell-mediated immune response between Th1 cells
Form	Lyophilized
AA Sequence	FPMFKAGRCLCIGPGVKAVKVADIEKVSIIHPSNNCDKTEVIVTLKAHKGRRCCLNPKS KQANVIMKKVERMNFLRYQNV with polyhistidine tag at the N-terminus
Endotoxin	<0.1 EU per 1 μ g of the protein by the LAL method.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography

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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 H ₂ 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.

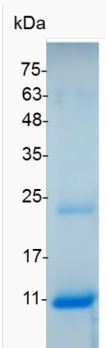
GENE INFORMATION

Gene Name	CXCL11 C-X-C motif chemokine ligand 11 [<i>Sus scrofa</i> (pig)]
Official Symbol	CXCL11
Gene ID	100169744
mRNA Refseq	NM_001128491.1
Protein Refseq	NP_001121963.1
UniProt ID	B3GDY9

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