

Recombinant Pig CXCL13 Protein (Val24-Ala111), N-His tagged, Animal-free, Carrier-free

Cat. No. CXCL13-05P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig CXCL13 Protein (Val24-Ala111) with N-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Pig
Source	E.coli
ProteinLength	Val24-Ala111
Description	C-X-C motif chemokine 13 (CXCL13) also named B lymphocyte chemoattractant (BLC), which is a chemokine of the intercrine alpha family. CXCL13 is a 9.8kDa protein containing 88 amino acid residues. CXCL13 is a chemotaxis for B lymphocyte. CXCL13 induces the cell proliferation though the AKT signal pathway which plays an key role intestinal cancer model. CXCL13 /CXCR5 axis is highly existed in gut, spleen and lymph nodes.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 10.81 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

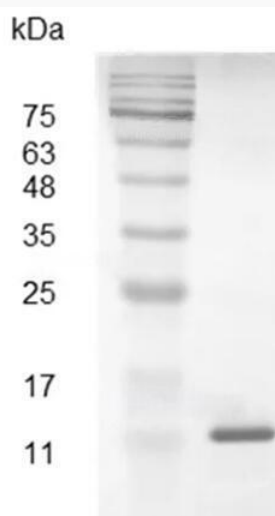
Gene Name	CXCL13 C-X-C motif chemokine ligand 13 [<i>Sus scrofa</i> (pig)]
Official Symbol	CXCL13
Synonyms	CXCL13; C-X-C motif chemokine ligand 13; C-X-C motif chemokine 13
Gene ID	100524265
mRNA Refseq	XM_003129101
Protein Refseq	XP_003129149
UniProt ID	A0A287A706

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**SDS-PAGE analysis
of recombinant
swine CXCL13.**



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